

Q

C

W

A



JOURNAL

Volume 39, No. 4

Winter, 1990

QCWA BOARD OF DIRECTORS

Meeting at Kansas City, Missouri

October 12 - 14, 1990



All QCWA Officers and Board Members were present at this great Convention staged by Mid-Continent Chapter of QCWA.

Pictured above, L-R are: Walt Brink, W3WPY, Robert Rickey NF6P, Pete Backstrom, W3DM, Milton Chaffee, W1EFW, Art Kay, W5APX, Wes Randles, W4COW, El Charlton, W5MD, Harry Dannals, W2HD, Leland Smith, W5KL, John Swafford, W4HU, Hugh Winter, W5HD, Travis Baird, W9VQD, John Kelleher, W4ZC, Lew McCoy, W1ICP, Fred Hammond, VE3HC, Jim Walsh, W7LVN

It was a great meeting sponsored by a great group of QCWA members. See the pictures & story on pages 166 - 167

INDEX TO JOURNAL CONTENTS ON PAGE 146

QCWA ON THE AIR MEETING

SSB, Every Sunday Afternoon

2000 GMT, 14347 kHz

CW each Wednesday Evening

8:00 PM Eastern time, 7035 kHz

W5QU / W4PI

QUARTER CENTURY WIRELESS ASSOCIATION, INC.

1409 Cooper Dr., Irving, TX 75061-5527

QUARTER CENTURY WIRELESS ASSOCIATION, INC.

HONOR AWARDS

QCWA HALL OF FAME

1980	Mr. Ray Meyers, W6MLZ
1981	Mr. Bill Halligan, W9AC
1982	Mr. Barry Goldwater, K7UGA
1983	Mr. Jean-B. Wolff, LX1JW
1984	Mr. Don Wallace, W6AM
1986	Mr. George Sterling, W1AE
1987	Mr. Victor Clark, W4KFC

DISTINGUISHED SERVICE AWARD

1975	Mr. A. L. Walsh, W2BW
1979	Mr. Mark Devaney, K4IDC
1988	Mr. David Talley, W2PF
1989	Mr. Hugh Turnbull, W3ABC
	Mr. Fred Hammond, VE3HC

MEMBER OF THE YEAR AWARD

1979	Mr. Ed Trombley, W8CAM
1981	Mr. Lew Sieck, K4NE
1982	Mr. Herb Glead, W6FQ
1984	Mr. Bert Gunn, W5FU

ROLL OF HONOR AWARD

1981	Mr. John DiBlasi, W2FX
	Mr. Gus Girona, W2JE
1985	Mr. Bud Waite, W2ZK
1986	Mr. Earl Thomas, W2MM
	Mr. Ralph Barber, W2ZM
1987	Ms. Ethel Smith, K4LMB
1989	Mr. Leland Smith, W5KL

JOHN Di BLASI AWARD

1984	Mr. Hal Sears, W5NC
1986	Mr. Owen Garriott, W5LFL
1988	Mr. Clarence Seid, W2KW
1989	Mr. Frank Lester, W4AMJ
	Mr. Ralph Hasslinger, W2CVF
	Mr. Irving Groves, K4HT
	Mr. Nat Burnett, K4OL
	Mr. Moe Joffe, W6PHE
	Mr. Robert Baird, W9NN

PRESIDENTIAL AWARD

1988	Mr. John D. Kraus, W8JK
	Mr. Byron H. Goodman, W1DX
	Mr. H. H. Beverage, 2BML
1989	Mr. John Huntoon, W1RW
	Mr. Stewart S. Perry, W1BB
	Mr. M. Walter Maxwell, W2DU
1990	Mr. Bruce L. Kelley, W2ICE

PAST PRESIDENTS

John DiBlasi, W2FX*	1947-1964
Earl R. Thomas, W2MM*	1965-1968
Clarence Seid, W2KW	1969-1971
Barry Goldwater, K7UGA	1972-1973
Frank A. Gunther, W2ALS	1974-1977
Harry S. Gartsman, W6ATC	1978-1981
Stuart Meyer, W2GHK	1982-1985
Leland Smith, W5KL	1986-1989

EXECUTIVE SECRETARY/GENERAL MANAGER

Ralph Barber, W2ZM*	1955-1964
Gus Girona, W2JE	1965-1973
Ethel Smith, K4LMB	1974-1976

*Silent Key

The QCWA JOURNAL

Volume 39

No. 4

QCWA PRESIDENT'S MESSAGE

Who does the work? Now, there's a question we hear often in our home, place of business, church or social group, our government, and our own organization, the QCWA. Really, now, some will say, why are you asking such a foolish question? Simply, fellow QCWA members, because it's sometimes very necessary to give thanks and recognition where it truly belongs in many organizations . . . to the many volunteers who labor long and hard for all of us.

Yes, we hire a General Manager to handle the day-to-day business affairs of QCWA and he employs the necessary staff to carry out the many details involved with the operation of a membership organization headquarters. BUT, and that's a big BUT, who handles the day-to-day operation of our many Chapters, the operation of our c.w. and phone nets, the audio cassette program, the publicity that we see in publications, our annual National Convention and the many, many other factors which make up the total organization called QCWA?

The answer, of course, to the initial question is very simply our members . . . a great number of them. To each and everyone of our Chapter officers, to each and everyone of our net control station volunteers, to each and everyone of you who takes an active role in the many special programs of QCWA, to each and everyone of you who works to make a National Convention something of meaning for all who attend, to each and everyone of you who has served on any of the special committees: nominating, ballot counting, QSO Party score checking and finally, to those of you who may yet be called to serve . . . please accept the heartfelt thanks of an organization for your volunteer efforts. You are indeed appreciated.

Ooops, is there a group missing from the above? Yes, you bet! Your elected Board of Directors wasn't mentioned. They belong to that long list too. However, they were left out because you are now going to be asked to consider assisting them with their work. It goes like this. A new Standing Committee structure was introduced at the Kansas City Board Meeting. These committees are as follows: Finance and Administration, Membership Services and Activities, Plans and Programs, Membership, Publicity/Awards, Constitution and By-Laws and Scholarship Fund. Each committee is chaired by a member of the Board and consists of at least three Board members. Now, here is where you come in. Members-at-large will be added to each of the committees, thus adding expertise to the committee.

It is my opinion that there are many QCWA members with untapped talents which could be of a very special help to our organization in our work. These members have no desire to run for office and become part of the political hierarchy, but have much to offer. If you have a desire to assist QCWA in this special way, please contact me, listing your capabilities and the committee chairman will be informed of your interest. Appointments will be made by the President with the Board's agreement.

Yes, you guessed it, you are being asked to work for QCWA. There is no salary, no paid vacation, no hospital/medical benefits, no retirement investment plan . . . nothing like that. However, there is one big reward that is difficult to measure. It is the personal feeling of contributing your talent where it will be appreciated. It may take some time before you will receive a "pat on the back" or a "well done," but believe me, there is an inner sense of satisfaction when you put some of yourself into the organization. Incidentally, it is obvious that not all of the membership will be able to assist as described above. Perhaps this is the time, then, to consider adding your capabilities to your Chapter or community where Amateur Radio can be Highlighted.

Volunteers . . . can we count on you?

/s/ Harry, W2HD

1990-1991 QCWA OFFICERS & DIRECTORS

Harry Dannels, W2HD, President	804 974 7388
1800 Bentivar Dr, Charlottesville, VA 22901	
Hugh Winter, W5HD, Vice President	505 884 6545
7010 Phoenix Ave, #509, Albuquerque, NM 87110	
John Swafford, W4HU, Secretary	703 536 9537
2025 Kensington St, Arlington, VA 22205	
Wesley Randles, W4COW, Treasurer	813 970 0867
6002 N Fremont St, Tampa, FL 33604	
Milton E. Chaffee, W1EFW	203 628 2750
28 Ruessner Rd, Southington, CT 06489	
Lew McCoy, W1ICP, Director	505 388 4862
200 Idaho St, Silver City, NM 88061	
Pete Backstrom, W3DM	412 327 5396
3505 Meadowgate Dr, Murrysville, PA 15668	
Walter L. Brink, W3WPY, Director	301 643 2933
919 Cloverfields Dr, Stevensville, MD 21666	
Jack Kelleher, W4ZC, Director	301 924 1605
612 Ednor Rd, Silver Spring, MD 20904	
Arthur Kay, W5APX, Director	615 684 3554
104 Hampshire, Box 241C, Shelbyville, TN 37160	
El Charlton, W5MD, Director	504 275 5744
1533 Outrigger Dr, Baton Rouge, LA 70816	
Robert G. Rickey, NF6P, Director	714 982 0348
8532 Red Hill C C Dr, Cucamonga, CA 91730	
Jim Walsh, W7LVN, Director	503 344 3321
159 E 16th St, Eugene, OR 97401	
Travis Baird, W9VQD, Director	414 352 9642
6815 N Ironwood Ln, Milwaukee, WI 53217	

QCWA JOURNAL is published by
the Quarter Century Wireless Association, Inc.
1409 Cooper Dr, Irving, TX 75061-5527
Telephone 214 438 8038

Edited by: Ted Heithecker, W5EJ

Mailed as 3rd class material, Dallas, Texas
The Quarter Century Wireless Association, Inc.
was founded December 5, 1947, and is incorporated in
the State of New York as a not-for-profit organization.
Permission to reprint is granted, credit QCWA Journal.



KANSAS CITY ABBREVIATED BOARD MINUTES

October 11-12, 1990 Kansas City, MO.

Meeting called to order by President Harry Dannals. All of the Board were present except Directors Chaffee and Meyer. General Manager Ted Heithacker, President Emeritus Leland Smith and Past Director Hammond were also in attendance.

A moment of silence was held for those who became silent keys since the last meeting and especially Onie Woodward, W1ZEN and Dave Talley, W2PF.

The President read a letter of resignation from Director Meyer, W2GHK, who cited the pressure of his many activities. Action was taken by the Board to fill the vacancy. Walter Brink, W3WPY, was nominated by Wesley Randles and elected unanimously.

The President's oral report supplemented his monthly letters to the Board. This report included comments concerning: the FCC's release of FCC General Docket #89-554 relating to WARC-92; the many articles appearing in the media concerning frequencies and their use; QCWA campaigns for election; QCWA presence at hamfests and conventions; area representation; the future of Amateur Radio and the QCWA's concern; on the air problems and the appointment of additional at-large members to the new Board committees. He also read a letter from ARRL Executive Vice President Sumner who acknowledged the QCWA plaque honoring Hiram Percy Maxim.

The General Manager presented his report to the Board. His report included comment on new membership applications showing the new dues structure; preparation of the annual Chapter Report which will show Secretary and Treasurer and membership roster for each Chapter; printing and circulation of a new Chapter Manual for each Chapter; plans for coordination between the President and General Manager on Journal preparation and discussion of present and future plans relative to back-up of HQ data base files.

The Secretary presented to the Board a brief report of his activities during the period. In addition to duties as set forth in the Director's Guide, the Secretary directed comments to the GM regarding the feasibility and desirability of off-site storage of data base files from HQ. Further discussion took place on the need for the tape backup. A motion was made by Director Walsh that HQ send a monthly copy of the membership data base on floppy discs to the Secretary and the motion passed.

Treasurer Randles gave a financial report covering the first six months of 1990. The report provided a proposed budget for 1991 indicating a 9% rise. It was pointed out that operating costs had gone up considerably and that the cost of producing the Journal also increased. The report concluded with the statement that QCWA is in a good financial position but expenditures must be watched carefully.

Committee Reports:

Reporting on Chapter Activities, Director Charlton explained that he was still pursuing inactive chapters - that it was very slow going, but he has heard from several Chapters and is monitoring their progress. He listed several Chapters that are now totally inactive. Director Walsh, as Auditing and Finance Chairman, discussed the 1991 budget submitted by Treasurer Randles and moved that it be approved. The motion carried.

Vice President Winter discussed QCWA Recognition Awards. He cited a letter from Past Director Given in which she pointed out the need for a new group of awards of appreciation to recognize contributions of individuals and Chapters for contributing hours of volunteer service to QCWA. He said that these awards should continue to be made by routine action by the President and GM. It was indicated that twenty five (25) of these awards had been issued over the past year and a half.

Treasurer Randles gave a brief report on the 1991 QCWA Convention to be held at Canton, Ohio. (Note: A report had been presented to the Board earlier by John Edel, K8LBZ, the Canton Convention Chairman.) Mr. Randles also noted that no site has been selected for 1992. Several possible sites, such as Sacramento, Phoenix and El Paso were mentioned. Directors McCoy and Rickey will look into these possibilities, but all Board members were urged to check on possible locations to be presented to the Board next April.

In the absence of Director Meyer, President Dannals presented the FCC Report forwarded to the Board. Highlights of Director Meyer's report related to the 220 MHz issue, the handicapped, No-Code and on-the-air conduct on nets and DXpeditions.

As Chairman of the Constitution and By-Laws Committee, Vice President Winter presented a number of minor changes to the By-Laws which were designed to improve syntax, eliminate superfluous and bring wording into conformity with past Board actions. Several changes were also made in the By-Laws dealing with Nominations and Elections to clarify scheduling of events. These changes will be published in a future issue of the Journal.

The report of the Nominating Committee, capably chaired by Mike Orofino, W2KO, was presented, listing fourteen (14) candidates for the 1991 Officers and Directors Election. In addition, several names have been submitted by petition. It was noted that nominations by the petition route remain open until the end of the year. The names of all candidates will appear in our QCWA Journal.

The Publicity Report prepared by Past Director Given was presented to the Board. It cited the fact that the QCWA column has been carried in Worldradio for seven years and will be continued with Ethel Smith, K4LMB, as the Columnist. The Board acknowledged the tremendous contributions to QCWA by Esther.



KANSAS CITY ABBREVIATED BOARD MINUTES

The Scholarship Report, provided by Hugh Turnbull, W3ABC, Chairman of the Scholarship Committee of the Foundation for Amateur Radio, was introduced. A total of seven QCWA Scholarship awards were made, including four Memorial and three Name Scholarships. Each award was in the amount of \$750. Director Walsh moved that seven scholarships shall also be awarded at the same amount in 1991 and the motion carried.

The Operating Activities Report, prepared by Blanche Randles, W4GXZ, from W1ZEN's file, was presented by Treasurer Randles. Rules and scoring for the QSO Party were discussed. Director Rickey presented a suggestion by K6SS that an additional QSO party be established which emphasizes Chapter participation. The suggestion was referred to the newly-established Membership Services and Activities committee for review.

The report of the Audio Cassette Coordinator, Blanche Randles, W4GXZ, was presented by Treasurer Randles. The program continues to work excellently, serving many of our members. Publicity has continued in the Journal concerning the availability of cassettes to those requesting them.

Director Meyer's 40th Anniversary Yearbook Report was presented by the President. Director Meyers stated that he will continue work on the Yearbook despite the untimely death of Dave Talley, W2PF, who had contributed heavily in the book's preparation.

The QCWA Headquarters Contingency Report was presented by Director Kelleher. The proposed HQ tape and disk back-up program discussed at the April meeting was reviewed and clarified. The program will continue as planned with tape back-up and periodic mailing of back-up disks to the Secretary. Additionally, plans are being made by the GM for off-site storage of duplicate sets of call books and financial records. Director Walsh moved the formal recognition of the above arrangements and the motion was passed unanimously.

Director Kelleher reported on the QSL card program. He submitted several samples for Board comment. It was agreed that the samples show great possibility and Director Kelleher was urged to continue his work so that further material may be presented in April.

The President announced that Presidential Awards will be presented to Armin Meyer, W3ACE; Dave Bell, W6AQ; Herb Gleed, W6FQ; and Noel Eaton, VE3CJ, for their outstanding contributions to Amateur Radio.

The President discussed the revised standing committee structure, indicating that it meets all the needs of the organization while further extending involvement to additional at-large members. The appointment of addition committee members will be coordinated with the Board prior to final notification. Director Rickey proposed that Ken Johnson, W6NKE, be appointed to the Publicity/Awards Committee. W6NKE will be appointed. Additional members-at-large appointed during and following the meeting were: John Huntoon, W1RW, to the Finance & Administration Committee and Leo Meyerson, W0GFQ, to the Scholarship Fund Committee.

Director McCoy moved that the Board adopt a Resolution of Thanks to the Kansas City Convention Committee for their outstanding work in preparing activities. The motion passed unanimously.

The matter of multiple Chapter membership was discussed. After a lengthy discussion, it was agreed that no apparent problems exist with the present arrangement. However, the subject was referred to the Membership Services & Activities Committee for review.

At this point, Leo Meyerson, W0GFQ, entered the meeting and presented Mr. Phillip C. Kwiatkowski, Executive Director of the Western Heritage Museum, Omaha, Nebraska. Mr. Kwiatkowski presented a slide presentation which very vividly showed the outstanding facilities existing at his museum. He then answered Board questions relating to equipment, preparations, antenna space, operating personnel, costs and overall space for QCWA. All questions were answered to the satisfaction of the Board which thanked Mr. Kwiatkowski for his presentation. It was moved by Director Backstrom that we accept the invitation offered by the Western Heritage Museum and that the President is directed to make arrangements for our participation. The motion carried unanimously.

Past Director Hammond presented a report on International Activities, stating that there had been little change since April. He stated that he will continue to assist the President in contacts with our international members even though his formal involvement with the Board no longer exists. He was thanked for his valuable contribution to the organization.

The President provided the Board with the names of the Nominating Committee for the 1992 slate for their approval. The Board gave unanimous approval to the following committee members:

John Huntoon, W1RW
Ray Wangler, W5EDZ
Joe Schroeder, W9JUV

Claude Feigley, W3ATQ (Chairman)
John McQueen, KL7AVX

John Swafford, W4HU
Secretary, QCWA



EDITORS'S CORNER & MAILBAG

INDEX TO CONTENTS

Abbv. Board Minutes	p 144-145
Editorials & Mailbag	p 146-151
Memorial Scholarships	p 152-153
1991 QSO PARTY RULES	p 154-155
Secretary/Treasurers Forum	p 156
Origins of Technology	p 157
Editor's Corner & Mailbag	p 158-159
Fundamental Concepts	p 160
Bulletins to Membership	p 161
QCWA By-Laws update	p 162-164
QCWA Museum Annm't	p 164
QCWA Silent Key Members	p 165
QCWA 1990 Convention	p 166-167
W5IU's Satellite News	p 168-169
QCWA On-the-Air skeds	p 170
Chapter News & Reports	p 171-185
Membership Vignettes	p 183
Barney's Exchange	p 186-187
QSO Party Log & Check list	p 188-189
QCWA Puzzles & Games	p 190
Last But not Least	p 191
Certificates & Awards	p 192

Acknowledgment of Error

The Fall QCWA Journal listed the name of George F. Norton, W4EEE (2576) as a silent key. We apologize for the error and are pleased to announce that George is well and active on the air.

A Helping Hand

A real effort is being made to reduce errors in publication. QCWA President Harry Dannels has volunteered for proof-reading and much of this issue has been closely checked to reduce such problems.

QUIET HOURS - 1620 VERSION

"OK, THEN IT'S AGREED -- YOU CAN ERECT AN ANTENNA TOWER, BUT YOU CAN'T BUILDUM INCINERATOR STACK THAT QRM'S OUR SMOKE SIGNALS!"



HAM COMMUNICATIONS IN A DISASTER!

Byron W. Engen, WV8B
19 Victoria Dr Newark, OH 43055-9710

I feel that I must comment on Mr. Winter's article (QCWA Journal, Vol 39, No. 3, p109 with reference to one sentence - ".....I doubt very much that ham participation in disaster is all that significant."

Mr. Winter obviously has not participated in ARES activities and provided emergency communications or else his memory is short. All he needs to do is read of ham participation in Hurricane Hugo or the flood disaster on the Ohio River to find out how important hams are in a disaster. Recently we have had three floods and a tornado in our county within a month. Our ARES group was active the whole time providing communications for the Red Cross disaster relief activities. Hundreds of hours of participation by ham radio.

In our area, ARES has participated in exercises on terrorism with the County disaster team, preparing ourselves to take part whenever and however our services might be needed.

Yes, Mr. Winter, there is a place for ham radio in a disaster. We provide valuable communications when normal channels fail or become overloaded. It is vital that all hams be a part of their local ARES group and to be trained in communications under emergency conditions. - you don't have to be out on the flood dikes to be helpful - just being on the air from home and willing to handle messages or backup net control is vital too. Ham radio can, is and will be needed!



EDITOR'S CORNER AND MAILBAG

Thoughts about the Amateur Radio Service

Vincent Biancomano, WB2EZG

General Delivery, Schooley's Mountain, NJ 07870

Flexibility to change with the times is one aspect of amateur radio that most of us can handle. How to accommodate changing times is another matter entirely. The message received from many amateurs is clear: an apparent majority do not support the degree or rate of deregulation in amateur licensing that we have witnessed in the past few years. On one hand, the FCC's rhetorical preamble to their no-code proposal states that amateur radio is a technical hobby. The reality suggests, however, that the Commission's idea of "technical" is not the same as it was 25 years ago.

The Commissioners of the FCC, absorbed in commercial and marketing issues, simply do not appear truly knowledgeable of the purpose or history of amateur radio; recent rules changes have been delivered by their advisory branches. Thus, I believe, the major problem faced today is finding a means by which amateur radio can regain the high regard of the FCC Commissioners themselves as a hobby worthy of their direct concern. In this regard, our mission as a technical learning ground comes to mind, and as implied in Part 97.1 it is a mission that would seem quite apart from instructing newcomers on how to use black-box appliances. But, Amateur Radio does not appear to be a high priority to the powers that be, so we must reach our goals via a vehicle that is important to the country. In that context, and given the proper conditions, amateur radio can serve to provide a strong foundation for the education of young people. Thus, the goal is to receive the approval of an FCC that recognizes amateur radio as a worthy tool in the national effort to attract youth to fundamental technology and the sciences. With a changing amateur radio, comes an immediate demand for clear headwork involving the means by which we can survive as a service without compromising our traditions, integrity or reason for being. Actions based on a careful determination of facts and a scientific approach to the problems of our hobby stand the best chance of success. Actions based on emotions or misinformation may result in hit or miss solutions as I believe to have frequently been the case in recent years. Evident from the no-code debate, for example, is a belief we must play the "numbers game" with the Commission. Actually, there are more amateurs today, and more amateurs per capita, than in any previous decade. Our real problem is attracting young people to carry on our traditions.

Recent annual sales of amateur equipment totalled approximately 150 million dollars, compared with commercial equipment sales of 26,000 million dollars. Those following economic activities understand that the amateur market will (barring a personal radio service) always be significantly smaller than that of commercial interests which compete for our frequencies. Attempts to convince the FCC of our growing numbers in that context will, in my view, fail. We cannot compete at that level. Given this condition, it would seem apparent that education, not deregulation, is in the best interests of both the country and our

service, and we must, with haste, impart this message directly to the FCC Commissioners. Enlisting various outside agencies to bring their persuasive power to the fore, such as those involved in the national legislature, the military establishment and the technical news media will help us in that effort. In this way we stand to gain a strong ally with those involved in the business of national education, and we strengthen our chances for more direct dialogue with the Commissioners in the future. The focal point on education is a viable point and, with dedicated effort to reach the Commission, we can succeed.

As for education itself, some currently find it fashionable to evoke the elementary school system as a source of new amateurs. Equally important, as I see it, is a technical program that ensures all youngsters will have a solid understanding of basic communications fundamentals. Yet, at a time when the country pleads for increased numbers into science and technical vocation, there are some who seek to simplify entry into a hobby that was designed as a technical learning ground. Indeed, a no-code, no-theory license was proposed to the FCC this year. Given present trends, I believe it will be proposed again, and soon. It appears to me that the fundamental connecting link between amateurs of all ages and vocations, i.e., a bona fide interest in understanding the basics of communications, is eroding rapidly.

For several years educators around the country have taken a first step in exposing youngsters to ham radio. Now it would seem appropriate as a national policy to move to the next step in providing youth with a solid understanding of what's happening at the ground level in science. Presently, it's not unusual to encounter beginning amateurs, from Novice to Extra, lacking knowledge of fundamentals such as Ohm's Law. It's clear to me that existing FCC exams do not place a high priority on would-be amateurs to understand basics. "What is capacitance?", for example, seems a far superior question to "what are the units of capacitance?" In my view, a resurrection of a strong technical foundation is needed, and educational task forces alone are not the answer if their goal is simply to prepare newcomers for existing amateur exams. If amateur radio is dying, it has, as I see it, little to do with a Morse Code requirement or the number of amateurs. We should rather be provided the opportunity to re-evaluate whether the present exam-by-rote structure is in the best interests of amateur radio; and to ask if relaxed standards might be causing us to ultimately fail in justifying our existence across the board as a technical hobby. Not very consoling words, but if there is a hobby that demands honesty in facing root causes of its problems, it is amateur radio. Failure to establish a challenging environment for youth while maintaining our unique status as a technical learning ground is certain to weaken any remaining leverage we may have with the FCC in the future. Indeed, the principles of incentive licensing are as valid now as they were 25 years ago.

Editors Note: This material prepared by Vincent, WB2EZG (QCWA 22849), it accents the need to channel amateur radio into a solid alliance with educational goals and entities. His comments have been edited to conserve space. Vincent has a Bachelor's degree in Electrical Engineering and a Masters Degree in Meteorology. He is Managing Editor of the IEEE Magazine Division.



EDITOR'S CORNER AND MAILBAG

A Reply Re: Amateur Disaster Communication

Editors Note: On the page opposite Byron Engen, WV8B wrote to Hugh Winter, W5HD commenting on his remarks about amateur radio disaster activities. This is Hugh's reply to Robert's letter!

Thanks for the copy of your letter to the Q C W A Journal. I was trying to look at ham radio in something of the way of an outsider: not easy after 60 years enjoying the hobby. I had no intention of disparaging the members or activities of ARES. While I have never been an active member, I am certainly conversant with local activity and have, I think, an overall view as a former ARRL official. We will always have to contend with disaster. It seems to me that with improved governmental organization and more widespread technology, for example, cellular phones and HT's in lots of hands, the role of the amateur is exiguous. There is still a role for the amateur in emergency service particularly in the local area. Your own organization is outstanding in discipline and readiness.

However, as implied by my short sentence, a lot of ham participation is of the "I want to get into the act" nature. In listening to HUGO TRAF-FIC, I was appalled by the interference (deliberate and otherwise), sloppy operating and general confusion. Amateur emergency operations to be effective need more than good will.

/s/ Hugh Winter, W5HD

No-Code Comment from one who's been in the game a long time!

John McKinney, WOAP
1522 W Koenig St, Grand Island, NE 68801

What's the fuss about code/no-code? With present day procedures nobody

learns the code anyway. I would be willing to bet that if I gave a realistic 20 WPM test to all present Extra Class licensees, less than half would pass.

As for the rest of the exams - the present method is to memorize and take the test - It is just a question of endurance - sooner or later everyone could pass.

I agree there is little need for VHF/UHF operators to learn the Morse code. I also question the value of any kind of examination other than a short query on "Rules of the Road" - somewhat like taking a drivers test. As for technical ability - being able to hook one end of a ready-built coax line to a ready-built antenna and the other end to a ready-built transceiver - for 90% of the hams being licensed today that is as far as they will ever progress in amateur radio.

LETTERS HAVE BEEN EDITED TO CONSERVE SPACE

Remember when the exam consisted of 10 wpm code, and answering 10 questions, essay type, such as: "Describe the theory of operation of a triode vacuum tube" . . . another might be, "Draw a schematic of a Hartley oscillator showing antenna, key and battery connections. Questions of this type demanded some knowledge of radio, not the ability to memorize go-no go questions.

We had three license grades, A, B and C. Grade B and C could use any privilege of ham radio except 20 and 75 meter phone. He could work CW on any band. After a year one could sit for an added exam (AM theory) and obtain a class A ticket. A simple system and it worked.

Somewhere along the line someone figured the code should be 13 wpm, 10 was too slow. Then we had to create a Novice exam at 5 wpm, since 13 was too fast. Then came incentive licensing, bands were chopped up into ridiculous segments with hams going through the

'musical chair routine'. The load became too great and the FCC squirmed out of the act leaving hams to fend for themselves.

What am I driving at? Lets throw all this mickey mouse out the window, go back to a simple send/receive 10 wpm bonafide test and a simple, comprehensive exam for an amateur license with full privileges. Keep the present CW-Phone segments but forget division of bands by license class. Communicator class? Sure, distinct call signs, same written test, no code test, privileges above 30 MHz!

Automatic ID is the Solution!

Robert H. Fasulkey, W3BBQ
PO Box 664, Spotsylvania, PA 22553

Confrontation with those creating malicious interference would only result in a "range war" in which no one wins. The one factor that amateurs possess is anonymity through non-identification. I would like to submit an idea which would utilize present day "State of the Art" components such as autocode (QST, September, 1990 pg 158). Each transmitter to be equipped to transmit an ID automatically, not only at the prescribed interval but with each transmission.

In this manner direction-finding would be unnecessary, confrontation would be avoided and existing regulations, if applied, would end the trouble. Hopefully this might provide a painless solution to the problem.

We were thinking about you on turkey day!





EDITOR'S PAGE

EDITORIAL COMMENT;

In a letter received from WB2EZG, published in this Journal, Page 147, several important thoughts have been expressed - and a few sacred cows threatened! We'd like to comment in those areas. We have received letters expressing dismay at our impressions of the importance of the amateur service in disaster episodes . . . and stating that the amateur service is really the only radio service working in the public interest. The basis for this statement being that all other services work for a profit whereas the amateur service does not charge a penny for its efforts. The implication being that if a radio service makes a profit it is not working in the public interest.

It might be well for us amateurs to review our status and our bases for existence. Let us consider for a moment a contemporary situation - UPS, Federal Express, Airborne, etc., are all agencies serving the public with delivery of mail, parcels, etc. They are highly competitive, and have found that to reduce costs and improve service they must have superlative two-way radio with computer facilities in their delivery vehicles. They have asked for frequencies to make this possible. They have further asked for frequencies used by the amateur service.

The amateur radio service has opposed the delivery services in their bid for frequencies. A part of our basis for opposition being that we operate in the public interest, particularly in emergency situations. I do not believe that we can assume that the half-million employees of the delivery services will agree that UPS, et al, are undeserving because they make money. Those employees would argue pretty loudly that UPS, et al, are providing a potent public service in the form of jobs to many thousands of people and that if amateur frequencies are needed to insure those jobs, then they will clamor to their congressional representatives to see to it that frequencies are available. A UPS employee, paid from profits made may indeed be a ham, purchasing equipment to use in the public interest in an emergency. Without the UPS profit he might not exist.

Consider another matter. Have you noticed remarks in the press about family contact services. That is, there is thinking now that the field of personal beepers is just being opened. That improvements and lowered cost will make it possible for every family to provide each child with a personal beeper. At any time a parent can contact his child with a message to call home and report where he/she is. The cost now is about \$7 per month with outright purchase of units at under \$100. Potential sales - - - millions! If this takes a hold as it appears possible, frequencies are going to be demanded, and authorized - whose frequencies? You guess! And, can we say they are not operating in the public interest and providing a public service, even if they do show a profit?

The one field open for and begging help in the public interest arena is the field of educational assistance. We need (and have) bright minds who could be thinking constantly of ways and means by which amateur radio and electronics can be utilized to bring an awareness, interest and desire in our young people in their education - not only in Ohm's law, but in reading, geography, mathematics, science, music, the arts. This field of endeavor is standing there waiting for us, members of the amateur service, to come forward with ideas, with inspiration and encouragement to our young people preparing themselves for life in the coming century - a world that can be bright beyond our dreams! Let's forget about fighting industry - let's compete with them in areas in which we have expertise and experience - an area in which we can beat their pants off - areas in which work must be done with or without a profit - if we do it right we'll have our frequencies forced on us!

CANDIDATES NOMINATED FOR OFFICER/DIRECTOR POSITIONS, QCWA 1991 ELECTION.

The 1991 Nominating Committee submitted the following list of candidates for office whose names will appear on the ballot to be distributed in the spring of 1991. The Committee report was accepted by the Board at its Kansas City meeting in October, 1990. Subsequent to submission of the document Director Stuart Meyer, W2GHK, submitted his resignation. The Board named Walter Brink, W3WPY to serve the unexpired term of Stuart Meyer[^]. Two candidates nominated by membership petition are designated (#) Incumbents designated by (*).

Harry Dannals, W2HD*	President
Lew McCoy, W1ICP	Vice President
Art Kay, W5APX(#)	Vice President
John Swafford, W4HU	Secretary
Wesley Randles, W4COW*	Treasurer
John Lindell, W0YCY(#)	Treasurer
John Weber, KA2LXW	Director
Pete Backstrom, W3DM*	Director
Walter Brink, W3WPY*	Director
Jack Kelleher, W4ZC*	Director
Clyde Hurlbert, W5CH	Director
John Wondergem, K5KR	Director
Robert E. Ray, W5ZMI	Director
Harry Garstman, W6ATC	Director
Bill Stevens, W6ZM	Director
Art E. Milligan, W8KW	Director

[^] The term of Stuart Meyer, W2GHK terminates on August 31, 1991.

Nominations by petition for any officer/director position may be made up to December 31, 1990. A petition, to be valid, must have the signature of no less than 25 members of QCWA in good standing and, must reach the Secretary of QCWA by December 31, 1990. Petition forms are available from QCWA HQ office upon request.



EDITOR'S CORNER AND MAILBAG

QCWA ACTIVITIES MANAGER

Norm Dias, W1UHY



Norm, W1UHY

Norm Dias, W1UHY has been named to the post of QCWA Activities Manager. Norm has had considerable experience in this work having served in that position for Yankee Chapter for a number of years. Norm is a Die-Maker/Machinist. He served in the Korean War, and is a graduate of the Southeastern Signal School at Camp Gordon, where he qualified as a high-speed radio operator. He has been active in Boy & Explorer Scouting many years.

MORE CODE vs NO CODE

Ken Johnson, W6NKE
1813 Moreno Dr, Simi Valley, CA 93063

The battle of opinion still rages. Listening to comments on various ham nets, reading articles and personal contacts have raised questions in my mind:

1. Many "no-code" proponents seem to be interested in computer science and its application in ham radio. These people must have spent many hours learning computer language, programming, etc., Obviously, it must require much mental exercise and learning effort to become competent in that field. Why then, is the 5 wpm code requirement such an imposition?

2. A friend of mine has a degree in computer science. He passed the Novice, Technician and General Class exams at one setting. He accepted the code element as part of the requirement to obtain a license. He considered this in the same light as the non-related subject he had to pass to get his science degree. Should we eliminate what some say is a non-related subject to make it easier to get a license?

3. All educational programs require knowledge of history, sociology, art, music appreciation, etc., to pass. This is to give the student a broad understanding of the what, why, when and how of the world in relation to his/her major. The code is part of the history and art of communication. Why is it unreasonable to ask for such knowledge to be included in the requirements for a ham license?

4. The amateur radio service is considered as a "trained pool of operators", available in event of emergencies. A

"Trained pool" implies operators who are capable of handling more than one mode of communication. It is a fact that when all else fails, communication by CW can be made by touching two wires together under extreme conditions. When it might mean the difference between life and death in a critical, disaster situation, why eliminate the basic code requirement when it could have such significance.

5. Many who favor the "no code" proposal insist that code is a dead issue. Anyone with a general coverage receiver can refute this claim. CW stations, merchant marine, government, press, etc., are all still very active. The latest copy of the Maritime Radio Call Book, regardless of the GMDSS program, lists over twenty-five hundred coastal stations world wide that still maintain and use CW.

6. Information recently received indicates that one of the world "Super Powers" has reverted to major use of HF CW in its communications. They've found that sophisticated satellite and computer systems are too vulnerable to interference and destruction under war-time conditions. HF CW equipment is simple and easy to maintain. The "first print" of an operator is much more desirable than electronic sending from a security standpoint.

Editors Note: This submission has been edited to save space, the authors points have been retained. While the die may be cast in the no-code entry exam for amateur licenses, the points raised herein are well taken and the authors admonishment that "A final opinion on any subject should be based on individual, in-depth thought and analysis before reaching your decision" is advice that we all need to consider, now and in the future.

"HAM" REVISITED

Earl Carter, W4EU
11310 Pine Acres Ln, Chesterland, OH 44026

In reference to the articles that have appeared in the QCWA Journal and other publications concerning origin of the word "HAM".

Several months ago CNN television "Headline News" was showing rescue operations following a natural disaster, an earthquake, I believe. They showed the communications being handled by the radio amateurs of the various countries. At the end of the program they announced that the word "HAM" had the following origination:

In the year 1912 a magazine called "Home Amateur Mechanic" published an article on the construction of a simple wireless receiver and transmitter. Many people built these units and they were referred to as "HAMS". The word being derived from the first letter of each of the words "Home Amateur Mechanic".



EDITOR'S CORNER & MAILBAG

QCWA MEMBERSHIP DUES SCHEDULE

Effective 01/01/91

<u>Term of Membership</u>	<u>Regular Members</u>
1 Year	\$15.00
2 Years	\$25.00
3 Years	\$30.00
Life	\$225.00
LTP*	\$240.00 (3 @ \$80)

Family Memberships are available for one family member, see QCWA By-Laws or, write HQ for information.

U. S. Members receive all publications via bulk mailing. Canadian/Mexican members receive all publications via first class mail. International members off the North American Continent will receive the annual Winter Issue of QCWA Journal via airmail.

*If Life Time Pay program is not completed in one year all funds received are used to extend regular membership at the 3-year term rate.

NEW MEMBERS ARE REQUIRED TO PAY A ONE-TIME CHARGE OF \$3 AS AN INITIATION FEE, IN ADDITION TO THE SCHEDULE ABOVE.

MEMBERSHIP FEES MUST BE PAYABLE IN U.S. FUNDS ONLY!

Holiday Greetings

Due to the heavy usage of QCWA callbooks, they do wear out. And, the Board has requested that we attempt to obtain sufficient callbooks to make up a duplicate set which would be stored in a different location, this to insure that in case of fire, or other loss, that we are not left without this vital information. Therefore, we are asking that if you have any callbooks that you can spare, or that you would like to send to a good home, please send them to QCWA Headquarters. They will be inventoried, boxed, and transported to a safe place. Your help in this matter will be greatly appreciated. Incidentally, when mailing books, the cost is very low, and in case you have several, wrapping them good and sending by UPS is a good way to insure they get here without damage. Thanks so much!

INERTIA!

It must be remembered that there is nothing more difficult to plan, more doubtful of success, nor more dangerous to manage than the creation of a new system. For the initiator has the enmity of all who would profit by preservation of the old institutions and merely lukewarm defenders in those who would gain by the new ones.

*Machiavelli - "The Prince"
Published in 1513!*

COMMENT RE: QCWA D90-55 FILING

Michael W. McKay, W4AZR
2265 Windsor Dr, Merritt Island, FL 32952

I have read the QCWA filing in D90-55. This comment does not represent me. At a meeting of Chapter 66 on October 13, the overwhelming majority of members were opposed. It is clear that QCWA does not represent this Chapter. Since Chapter 66 is an average group in its thinking on the FCC Docket, it appears the QCWA Board is stating its own view rather than that of membership.

The concern of this note is that there must be a better way of establishing an organization's position than for 14 directors arguing about the collective sense of 11,000 members.

What is a viable solution? One approach would make use of the Chapter organization. With about 150 chapters it should be easy to canvass all in a short time. This would be preferable to 14 directors dictating a position.

More disturbing is that the QCWA position seems to have been cast in April, 1990. Why could this not have been known to membership for discussion and reasoned comment - through the Chapter system? Asking them to pick up such a load might change them from chowder and marching societies to responsible operating units in the national organization. I urge that chapter officers be contacted with news material and find out the real position of QCWA's 2% of the U.S. ham population might be.



MEMORIAL SCHOLARSHIP REPORT

QCWA SILENT KEY MEMORIAL SCHOLARSHIP FUND

The QCWA Memorial Scholarship Fund continues to be one of the most important and successful activities sponsored by our organization. It, perhaps more than anything else, justifies our designation by the Internal Revenue Service as a Section 501 (c)(3) non-profit, tax exempt organization.

The Fund was conceived by past Presidents, Frank Gunther, W2ALS and Harry S. Gartsman, W6ATC, the fund was initiated over ten years ago and has grown to almost \$90,000. Only the interest earned on the principal is used for grant purposes, assurance that our scholarship fund is perpetual. At the October, 1990 QCWA Board Meeting, seven memorial scholarship grants for \$750 each were approved for 1991.

With income tax return time fast approaching, At Large QCWA members in particular, may wish to make a tax-exempt contribution to the scholarship fund before December 31, 1990. Chapters are urged to consider fund raising projects for next year for the purpose of contributing to the fund in the name of a silent key member of the chapter. Let us see how early in 1991 the Fund will reach \$100,000!

Any QCWA member can nominate a licensed amateur for a QCWA Scholarship Grant. Applications may be obtained from the Foundation for Amateur Radio, c/o Hugh Turnbull, W3ABC, 6903 Rhode Island Avenue, College Park, MD 20740

/s/ Leland Smith, W5KL Chairman,
QCWA Memorial Scholarship Committee

Gifts to the QCWA Memorial Scholarship Fund August - October, 1990

<u>DONOR</u>	<u>HONORING</u>	<u>DONOR</u>	<u>HONORING</u>
W9VQD	Ray Trudall, WB4JLT	W1MUW	W1ZEN
W4UJT	All Silent Keys	W4COW & W4GXZ	W1ZEN
Glenda Sakala, Francis Hollister	W1ZEN	K1OKC	W1ZEN
Yankee Chapter	W1ZEN	K1IYR	W1ZEN
Jack & Geraldine Murchison	WD5HLZ	W1TMO	W1ZEN
Herman & Christina Klug	WD5HLZ	KB1EB	W1ZEN
Edgar & Dorothy Cooper	WD5HLZ	N1FJR	W1ZEN
Richard T Swan	WD5HLZ	W1HGU	W1ZEN
Carl & Pearl Anderson	WD5HLZ	W1VZR	W1ZEN
Frank L Guth	WD5HLZ	Dallas Chapter	W5NYN
Robert Z. Baird	WD5HLZ	K1ANM	W1ZEN
Walt & Ramona Newton	WD5HLZ	Mr & Mrs Chapman	W1ZEN
Spencer & Diana Allen	WD5HLZ	Chapter 55	W9GIT
R B & Ruth Rennaker	WD5HLZ	Querica	W1ZEN
John & Margaret Pearce	WD5HLZ	SMYLS	W1ZEN
Roy R Cone	WD5HLZ	Nutmeg Chapter	W1JMY
Robert W Perkins	WD5HLZ	K1ACM	W1ZEN
W6BDE	W1ZEN	Del-Mar-VA Chapter	W3HCE
W1FOF	W1ZEN	W5EJ	All Silent Keys
WA5WAR & W5KL	W1ZEN	Pine Tree Chapter	W1ZEN
		W0GFQ	W1ZEN

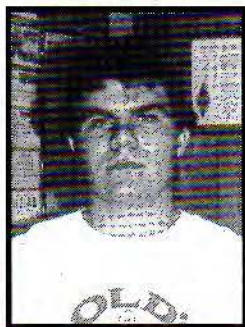
**GIFTS TO THE MEMORIAL SCHOLARSHIP FUND ARE FEDERAL TAX EXEMPT
TO THE EXTENT ALLOWED BY LAW. GIFTS MAY BE SENT TO QCWA, INC
AND WILL BE ACKNOWLEDGED!**



QCWA MEMORIAL SCHOLARSHIPS AWARDED - 1990

Through the courtesy of Ethel Smith, K4LMB, we have been provided a short story and picture of each of those who received QCWA Scholarships in the 1990 Year - They are listed here!

ROBERT M. POPELLA, KA3HIE, Tridi-



oute, PA, awarded the QCWA Leo Meyerson Family Scholarship. 20 years of age, first licensed 1981, Extra Class. Has 45 wpm CW certificate. Sophomore at Clarion University, Clarion, PA. Major in Social Studies and Secondary Education.

WILLIAM T. BAGGETT, AA5DF, New

Braunfels, TX, awarded QCWA Memorial Scholarship. Age 19, first licensed 1985, Extra Class, New Mexico State College, majoring in Electrical Engineering with minors in math and Economics.



PAUL W. HOFFMAN, NK3M, Sinking Spring,



PA, awarded QCWA Memorial Scholarship. Age 21, first licensed, 1986, Advanced Class, Virginia Polytechnic Institute, Blacksburg, VA, majoring in Electrical Engineering with mathematics as minor for a career in engineering field with some type of mission work.

HEATHER LUDTKE, KD0RU, Glenwood

Springs, CO, awarded QCWA Cresson F. Donbar Scholarship. Age 18, first licensed 1984, advanced class. Graduate student at MIT, studying Chemical Engineering leading to solving environmental problems. Has honor awards in math, science and academic excellence.



THOMAS W. BROWN, KA2UGQ, Berkeley

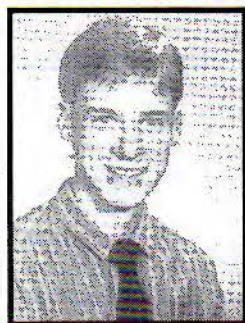
Hgts, NJ, awarded QCWA Memorial Scholarship. Age 19, first licensed 1984, General Class, Lehigh University, Bethlehem, PA. Majoring in Electrical Engineering, leading to a career in research.



The QCWA Memorial Scholarship Fund has provided financing for the seven Scholarships earned by young men and women listed herein. The Awarding of the scholarships is administered by the Foundation for Amateur Radio who have carried out this important work since 1978.

The Memorial Fund has grown to approximately \$80,000, and only the interest earned on the money is used. The Fund is nominally perpetual with the expectation that it will be financing scholarships into, and through the 21st century.

JASON G. LOVETT, N1EJD, Arundel, ME,



awarded QCWA Robert S. Cresap Scholarship. Age 18, first licensed 1985, General Class. University of Maine, majoring in Civil Engineering leading to work in recycling and ways to handle toxic wastes.

VICTORIA L. GRUEN, KA2VHR, Runne-

mede, NJ, awarded QCWA Memorial Scholarship. Age 20, first licensed 1984, Advanced Class, Stetson University, Deland, FL. Double Majors - computer science and mathematics leading to a career as systems analyst.



This year there were seven scholarships awarded. Each have the value of \$750.

Gifts to the Memorial Scholarship Fund are tax exempt (Federal) and are solicited. There is need for larger and more awards, and this can only be accomplished by growth of the Memorial Fund Escrow. Gifts to the Fund can be tendered to QCWA, Inc., 1409 Cooper Dr, Irving, Tx 75061. Gifts are acknowledged and all gifts, of any size are welcomed!

QCWA Thanks the Foundation for Amateur Radio for its work in connection with administration of the QCWA Memorial Scholarship Awards

Applications for QCWA Scholarships may be had by writing to:
FAR, Inc., 6903 Rhode Island Ave, College Park, MD 20740

1991 QSO PARTY

QCWA JOURNAL, WINTER ISSUE, 1990
Volume 39, No. 4

QCWA 34th ANNUAL QSO PARTIES - RULES FOR 1991-

There are Awards but remember this is a Party not a Contest Treat it as such.

For the first time the QCWA Novice or Technicians will have a part in the QSO Parties. We hope their participation will add to the enthusiasm of the Parties. We wish them luck and for all new comers - this is a party. HAVE FUN!

In 1990 we had 162 CW and 163 Phone logs submitted for checking. Know there were lots more of you that participated and we wish you had sent in your log. Keep up the good work and lets have even more and more QCWAers participate and submit logs. Some chapters are among the missing, please talk it up and see if we can't get at least one from every active chapter in both Parties.

A little history - back in 1957, Stan Belliveau, W7AYO, in a moment of inspiration, started the first QSO Party. It was made into a real success by Dr. Spike, W7OS and Charles Emigh, W7ER. Let's try to follow in their footsteps. There have been many changes over the years and the 1990 Parties brought many computer logs, which is the latest technology. 1991 will see plaques and certificates for Novice and Technician participation. Even with all the changes, let's try to follow in the footsteps of those QCWA members who started the QSO Parties.

This is to be a **FUN** party. There will be plaques for the top PHONE and CW scorers - world-wide and also a plaque for the novice or technician making the highest score in the Phone or CW Parties. There will be certificates given for the next 4 runners-up in both parties and also certificates for the 4 Novice or Technician runners-up. Certificates will be issued to the high-scoring station, both Phone and CW, in the United States and in each of the six continents - Europe, Asia, Africa, South America, Oceania and North America. Standings and scores will be published in the QCWA Journal, Summer of 1991 issue. Remember that the emphasis is on **FUN** and **GOODFELLOWSHIP** - or just talking to one another. PLEASE REMEMBER to turn your beams to Europe and Alaska to work the guys and gals in those areas, as there were many operating from there in 1990, also be sure to look for the QCWA Novice or Technician in their portion of the bands.

TIMES OF THE PARTIES

The annual QCWA QSO Party for CW will be held February 9 & 10, 1991. The CW Party will begin at 0001 UT Saturday, February 9, 1991 and end at 2400 UT, Sunday, February 10, 1991

The annual QCWA QSO Party for PHONE will be held March 9 & 10, 1991. The PHONE Party will begin at 0001 UT Saturday, March 9, 1991 and end at 2400 UT, Sunday March 10, 1991.

OFFICIAL RULES

CONTACTS:

Each contact with another QCWA member will count as a single (1) point on each band

MULTIPLIERS:

This QCWA party has 2 multipliers. Every New chapter worked is a multiplier of one (1). You can count a chapter only once, regardless of how many bands you work

If you do not belong to a QCWA Chapter, please use 'AL' (at large) as your "chapter" - PLEASE NOTE THE FOLLOWING SENTENCE CAREFULLY - 1 ONE AL (AT LARGE) MAY BE USED AS A MULTIPLIER FOR EACH STATE, PROVINCE OR COUNTRY.

SCORING:

TOTAL NUMBER OF CONTACTS TIMES TOTAL NUMBER OF MULTIPLIERS EQUALS your FINAL SCORE. Remember each chapter can only be counted **ONCE** and **ONLY 1 'AL'** contact from each state, province or country may be counted as a **MULTIPLIER**. Please make your contact numbers in order, **DO NOT USE A DIFFERENT SET OF NUMBERS WHEN CHANGING BANDS.** The last page of the log **MUST** show the Total Number of Contacts times the Total Number of Multipliers - this will equal the **Final Score**. Print your final score on the first page of your log.

EXCHANGES:

A valid QSO must contain the following minimum amount of information and exchanges between stations: (If all are not there the contact will be disallowed).

- QSO NUMBER, both sent and received
- Operators first name
- Chapter identification (official number or name)
Members not affiliated with a chapter use 'AL'
- State - must be there for all 'AL' contacts and should be there for ALL contacts.

FREQUENCIES: 160 Meters (Suggested times 0400-0500 and 1200-1300 UT). 6 Meters (simplex) 2 meters (simplex)

Suggested starting frequencies:

<u>CW</u>	<u>PHONE</u>
3530 - 3560 kHz	3900 - 3930 kHz
7030 - 7060	7230 - 7260
14030 - 14060	14280 - 14310
21040 - 21070	21350 - 21380
28040 - 28070	28600 - 28630

Novice & Tech CW

Novice Phone

Tech Phone

3.7 - 3.72 MHz	28.3 - 28.5 MHz	28.3 - 28.5 MHz
7.1 - 7.12	220.1 - 223.91	50.0 - 54.0 simplex
21.1 - 21.12		144.0 - 148.0 simplex
28.1 - 28.12		220.0 - 225.0 simplex
		420.0 - 450.0 simplex

NO CONTACTS ON

10 MHz 18 MHz 24MHz the 3 WARC bands

The above frequencies are selected as a starting place. When pile-ups occur don't be afraid to go either side of these frequencies. Be sure you check the frequencies for use before you give a call!

1991 QSO PARTY

QCWA JOURNAL, WINTER ISSUE, 1990
Volume 39, No. 4

**NO NET - NO CROSSBAND
NO REPEATER CONTACTS ALLOWED**

LOGS:

PLEASE USE the standard QCWA log or prepare your own (20 contacts to a page) - using the same format as printed on QCWA JOURNAL log form. Put name, call, mode, QTH, date and chapter number or 'AL' on First Page - put your call on all other pages. The LAST PAGE of the log MUST show the total FINAL SCORE. The Final Score should also appear on the FIRST page. **DO NOT MIX PARTIES.** Be sure everything is LEGIBLE! (Please look at your log carefully and decide if you would like to check another 100 plus logs just like it) LOGS WILL NOT BE RETURNED. IF YOU QUALIFY FOR AN AWARD, BE SURE TO REQUEST THE AWARD YOU WANT ON THE FIRST PAGE. - If you already have it, do not ask for a second one. (If you ask for a 100-member award you must identify the 100 on the side of the page or send your 'dupe' sheets. It is not up to the Log checkers or the Activities Manager to find the 100 members) **COMPUTER LOGS ARE TO BE THE SAME FORMAT AS THE STANDARD QCWA LOG SHEET, with ENTRIES NO CLOSER THAN TRIPLE SPACING.** K3CP has a program that follows our log form - if you need help get in touch with him.

Mail your logs to the address below and please put CW or Phone on the envelope: CW & Phone Logs to:

QCWA ACTIVITIES MANAGER
Norm Dias, W1UHY
2 Detroit St, Fall River, MA 02721

Separate logs and scores must be submitted for both the CW and Phone Parties. ALL LOGS MUST BE RECEIVED by APRIL 8, 1991. All logs received after the April 8, 1991 will be entered for listing only. Logs with just one contact count - they will help with checking.

PLAQUES will be awarded to the Top Scorer World-Wide, in each party.

Work as many QCWA members as you can and then apply for the several special QCWA certificates which you may have qualified for in the QCWA Party (that is, if you don't already have them).

Worked 50 States Certificate Worked 60 Chapters Certificate
Worked 100 members Certificate
Worked 500 members Certificate

As old-timers, it is most important that we establish a record for courteous treatment to all amateurs. Use the good operating procedures you have always used, give the other guy or gal a break and enjoy the QSO Parties.

The decision of the Activities Manager and the committee will be final with respect to rules enforcement. The final decision, after verification of scores, and publishing of the information is the responsibility of the Activities Manager. In event of errors or a disagreement, keep all details off the air, write to the Activities Manager

HAVE FUN - Norm Dias, W1UHY, QCWA Activities Manager.

SAMPLE LOG & TALLY SHEETS ON PAGES 188 AND 189!

Cleveland Chapter No. 1

Robert E. Bloor, W8LYD
24338 Smith Ave, Westlake, OH 44145

At noon October 20, 1990 over 70 Cleveland Chapter members, their XYLS and guests met for the 1990 annual Awards Luncheon. This meeting was visited by Director Pete Backstrom, W3DM, and Canton Chapter Chairman, John Edel, K8LBZ. After an enjoyable lunch which featured much QRM, the election of 1991 Officers was announced, using information from our tally Committee Chairman W8LXA. The Officers for 1991 are: Ed Stuewe, W8OXA, Chairman; John Mislac, W8VRJ, Vice Chairman; Bob Bloor, W8LYD, Secretary; John Brant, W8WAB, Treasurer. Outgoing Chairman Jack Goldfarb, W8WGO, was presented with a Past-Chairman's Plaque and given a round of applause for his fine two years as Chairman.

During the Award Ceremony, Director, W3DM, assisted by Chairman W8WGO, presented the Chapter's "Ham of the Year" plaque to K8BB, and the "President's Award" Plaque to W8BSS. They also presented W8KCG with the Chapter's Meritorious Award. N8BC was given the Chapter's first place operator Award for the "QCWA CW Party" and W8ATMK was given the Chapter's second place Award. W8FDN was given the Chapter's first place operator Award for the "QCWA SSB Party" and W8ANM was given the Chapter's second place Award. Director, W3DM, assisted by Secretary, W8LYD, presented W8BVH, W8CTP, W8EFW, W8MH and W8SZ with their 60 Year Anniversary Certificates. As W8SZ was unable to attend, due to health, his XYL, Carol, accepted his Certificate for him. W8EMO, W8VN and W8NZD were presented with their 55 Year Certificates and W4EU and W8YTR were presented their 50 Year Certificates. Special Certificates were presented to Ella, K8BB's XYL and Thetis, W8LYD's XYL for their assistance to their Chapter Member Husbands.



After the Award presentations, K8LBZ, gave a short up-date on the 1991 Annual QCWA Convention which will be held in Canton Ohio during September, 1991. W3DM discussed some of the problems faced by the Board of Directors and covered some of the events that occurred at the 1990 QCWA Convention in Kansas City. The photo (above) shows, L-R W8OXA, W8VRJ, W8LYD and W8WAB, Chapter 1's 1991 Officers.



SECRETARY-TREASURER'S FORUM

To those who have written, telephoned and sent amateur radiograms expressing your appreciation for these columns, my sincere thanks. Your interest, both in QCWA and in your chapter, help our organization to be strong and viable, as well as a very respected league representing experienced and tenured radio amateurs.

When this series of articles commenced, I told our Editor that I hoped, after a few issues, a number of our readers would write and add suggestions and their comments about how things are done in their chapters. After all, what works for one chapter, may, with some changes, work equally well for another chapter. It is always possible that many chapters will be able to tailor a good idea to fit their particular situation. Our Editor and I wanted this space to serve as a FORUM--a place for EXCHANGE--to be used by all Secretaries and Treasurers, both to get help when needed, and to let others know your thoughts and ideas about chapter administration. I still very much hope that will happen. Don't be shy about writing as many times as you care to do so! If you don't want to have your name or chapter name or number appear in print, I will respect your wishes. I would much rather give your work and your chapter some meager recognition, though, so think it over. Above all, don't assume that others are really not interested in what you are doing; that's wrong! In fact, it's quite likely that one or more chapters in QCWA will be looking for the very information or idea you have to offer.

A couple of comments from you have bemoaned the fact that your chapter is a low budget operation, and your expenses are getting out of control. Believe me, I know the feeling, and you should not feel alone! The "Force" is with you. But there are some things you can do, or at least suggest be done to your chapter officers and members. From an income point of view, you probably should think twice before soliciting some wealthy individual or estate to bequeath a large sum to your chapter. Although the very attractive, non-profit, tax free status has been awarded to QCWA under the Internal Revenue Service Code of 1954, as amended, (specifically Section 501(c)(3)), that subsidy does not automatically apply to chapters of QCWA. In fact, there are likely no chapters of QCWA that would qualify for such preferential treatment. Let's face it: chapters are social organizations, and lots of us find that most enjoyable. Large income may mean crossing a threshold, after which you are honored by an IRS invitation to file a tax return for your chapter, because your income exceeded the guideline. So maybe your low-budget operation isn't so bad after all! Do you feel any better? If not, check with a local tax practitioner and see what your chapter maximum level of income is before a tax return is required. Find out also how complex the return may be, and what the tax rates are. With this information, you may be in a position to arrange with your chapter's philanthropic friends for smaller contributions!

Another area of income, frequently the only one, is chapter dues. Determine with the help of your chapter members and officers what your chapter is planning to do differently next year, and what the resultant financial implications are. Do some budgeting. If your chapter dues are about the right amount, pursuant to chapter popular opinion, more members, of course, should increase income. Maybe each of your chapter members would rather recruit one new member, in the first month or quarter of 1991, than pay increased chapter dues. The idea may be worthy of consideration. Once the income is generally fixed, you need to take a look at your expenditures last year, and what innovative things you can do to reduce the drain on income. There are several things to consider.

Many chapters meet at least three or four times a year for fun, food and fellowship. The fun and the fellowship cost very little; not so with the food. If you meet and have the meal catered, your chapter may be involved in paying a restaurant a fixed amount based upon the number of members, spouses and guests who said they would attend. Then, so goes the scenario, the head count does not arrive and the chapter ends up paying the tab. With many experiences of this nature, the chapter coffers are quickly emptied. If this description is too familiar, there are some suggestions. Stay away from the places which "specialize" in large groups. Their business may be too good to help your problem. Frequently, another restaurant with less restrictive requirements can be located, and will be willing to work with you. A large group of happy customers frequently means repeat business, as large groups tell other large groups. Another suggestion before you consider some fast food joint for a chapter meeting, is to change the arrangements so the restaurant receives your best estimate of attenders, then issues individual meal tickets. Set the minimum amount, if there even needs to be one, with the management and include a fixed gratuity per ticket. Consider soliciting your members for suggestions of other possible meeting locations. Maybe you will want to change the meeting location now and then.

So far as your chapter financial institution is concerned, is your account set up under an eleemosynary category? Frequently such accounts are free from those disagreeable monthly service charges. If your present bank can't or won't classify your chapter in such a manner to escape the draining monthly service charges, shop around for another bank. There are quite a few, really, which are just as protected and safe, frequently smaller with less overhead, and thus able to meet your needs.

If you pay \$20 to \$30 for printed checks, that's too much! If you are charged \$10, that's still too much! If you are interested in a very fine source for printed checks which meet all ABA standards, including MICR coding, thus are acceptable to financial institutions, please feel free to send an large SASE to the address below. A brochure will be sent by return mail to all chapters which include an SASE. My chapter just received a supply of these checks, and for several years I have been using them for my personal account. The cost to your chapter will be \$2.95 for 200 checks, while these special-price brochures last, then \$4.95 for 200. First come, first served. Chapters only, please. What other suggestions can you make, from your chapter experience, to assist other chapters in either increasing income or lowering expenses? Please drop me a line for our next issue.

Another matter of extreme interest this time of year, is the QCWA Annual Report, and audit of the Member Information Report, both of which MUST be at Headquarters in Irving by December 31, 1990, or your chapter risks being placed in an inactive category.

Let's all do a very thorough job this year on both tasks: Completing the Annual Report to give the most favorable status possible for our chapter...and auditing the accuracy of the member roster. Both jobs are very important. Consult the Winter Issue of the QCWA Journal for 1989 (Volume 38, No. 4) for further information, or write to the address below for helpful hints. Above all, please don't just send your roster to Headquarters and expect them to do this checking for you. Headquarters personnel just don't have time to do this. Furthermore, you are the one with the records for your chapter, and truly are the expert in this matter. Good Luck.

(Continued, Page 184)

Prepared by Hugh Winter, W5HD, Vice President, QCWA, Inc. Fifth of the Series appeared in the FALL, 1990 QCWA Journal

THE PIONEERS - VI

In 1894, Heinrich Hertz, who in the 1880's had demonstrated the existence of radio waves, died at the tragically early age of 37. Among the readers of his obituary was a 20-year old Italian, Guglielmo Marconi.

Marconi came from a comfortably well off family. His father was a silk merchant in Bologna, and his mother was English-Irish. He didn't show much aptitude as a merchant and had relatively little formal education. However, he became associated with Professor Righi of the University. Righi, like most other physicists of his day, was fascinated by the recent work of Hertz. As a scientist Righi had little or no interest in the practical application of Hertzian waves, but had built some equipment including an improved spark oscillator.

Marconi was fascinated by the phenomenon and became convinced that it had practical possibilities. Righi's oscillator and newly invented coherer detector provided improved technology.

Apparently the elder Marconi was not impressed with Guglielmo's project and was not interested in providing his son with financial support. After all, the previous experiments had transmitted over very short range at what we would call VHF and UHF frequencies. Nothing much was known about such factors as antenna design.

To get financial support Marconi had to demonstrate a greater distance capability. In 1896 he went to England, and succeeded in getting such support by use of his mother's family connections. He was successful also in the backing of the head of the British Postal system.

He put together a system using a vertical antenna, spark and coherer and obtained his first patent in 1896. Like many another radio inventor he had patent controversies. He was engaged for many years in a lawsuit with Nikola Tesla, who claimed to have anticipated many of Marconi's ideas. The suit was finally settled in Tesla's favor in 1943 after both men were dead.

It is interesting to take a look at the state of the art in the late 90's. Early in the decade there was little interest in practical operations. In 1892 Oliver Lodge, the famous British physicist became interested in Hertzian waves. It seems his earlier interest was aroused by the problem of why lightning rods did not always work. He developed the concept of reactance and tuning. He needed a practical detector, and fortunately the coherer was invented about this time by a Frenchman, Branley. It consisted of loose metal filings in a tube, and when an electromagnetic signal was passed through the tube, the filings cohered. It was clumsy, of course, and it needed to be tapped mechanically for the filings to uncohere. Nobody knew why it worked, but it did - after a fashion.

About the same time the idea of a tuned circuit for frequency discrimination became practical. Obviously a spark signal splashed all over the place, frequency-wise. Lodge had published his first article on tuning in 1892 and patented the idea in 1897. In his early days Marconi was not too interested in tuning; he was using lumped inductance in transmitter and receiver circuits.

However, by 1896 when Marconi took out his first patent, means of practical wireless communication were available. These included (1) a spark oscillator (2) the dipole antenna (3) the coherer detector (4) Tuned circuits.

At the same time that Marconi was carrying out his demonstrations of wireless communication over greater and greater distances, Popov was doing something very similar in Russia. In March, 1896 he sent waves between buildings in St Petersburg, and by 1899 had communicated over

perhaps a dozen miles. There is no doubt that Marconi was a year or so ahead of him; however, the Russians consider him the father of radio and there is agreement on his achievements.

Meanwhile Marconi had established his Wireless company. He had demonstrated the practicality of wireless communication to isolated points and to ships at sea both commercial and Navy. He had an almost perfect monopoly on wireless. At first his company emphasized manufacture of equipment, but came to realize that the profits resulted from services in the transmission of messages. For a time, Marconi company operators refused to take messages from other company operators. It was not until 1908 that the International Conference of Wireless at Sea eliminated this practice.

Technical innovation continued. Most data were empirical. There was no theory on antennas, propagation, or transmission lines. There was little understanding of tuning, which was not all that important as long as there were few transmitters, even the spark is inherently broad-frequency.

From the data, it was concluded that for adequate communication, one needed larger antennas, longer wavelength and higher power. It was thought for a time that the curvature of the earth limited communication distance.

These were considerations as Marconi sought to send wireless signals across the north Atlantic. Success might lead to a system economically competitive to cable. So he set up a high power (25 kW) transmitter in Poldhu, in Cornwall and a receiver near St. Johns in Newfoundland. Transmitter frequency was a nominal 800 kHz. After considerable experimenting, particularly with antennas the three dots of the letter 's' were picked up. There are still those who think that the received signal may have been a harmonic (say 3 or 4th), actually transmitted by ionospheric reflection.

In 1902 the concept of the ionosphere was suggested independently by Kennelly, an American engineer, and Heaviside, a British physicist. However, practical understanding of the reflective layers role in communications was not clear until at least 20 years later. Incidentally, amateurs had a great influence on exploring "200 Meters and Down".

Wireless communication was not yet reliable enough to threaten transatlantic cable successfully. A very important use of course, was to ships at sea such as the Titanic, whose Marconi operator, after handling emergency traffic, went down with the ship.

For point to point communication Marconi tried higher power, bigger and higher antennas, and lower and lower frequencies. For example, he installed a station in Ireland with 300 kW, operating at 6000 meters wavelength and an antenna with 11 wires a mile long and similar ground wires.

It was not immediately apparent that this was the wrong road, and that the solution lay in higher frequencies and ionosphere communication. Later Marconi became intensely interested in developing these frequencies, as well as VHF and UHF.

He grew rich and famous, received the Nobel Prize and died in 1937 full of honors. I am sure he particularly relished those days in the 1890's when he laid the foundations of radio as we know it.

Origins of Technology have been prepared by Hugh Winter, W5HD, Vice President of QCWA. If you have enjoyed the articles, write him at:

Mr. Hugh Winter, W5HD
7010 Phoenix Ave, #509
Albuquerque, NM 87110



EDITOR'S CORNER & MAILBAG

INTRODUCE 'EM EARLY

Samuel A. Gardner, W4MCW
1720 Virginia Ct, Lakeland, FL 33813

The refreshing letter by Hugh Winter, W5HD, "Some Thoughts on the Amateur Service" in the Fall, 1990 QCWA Journal hit a responsive chord. He stated so eloquently what few of us old-timers have been willing to admit:

1. Ham radio cannot be touted as a means towards developing a pool of skilled technicians and operators in the National interest. It no longer can do that job. Repair of black boxes used today require technical skills far beyond the capabilities and interest of virtually all hams . . . today when a transceiver fails, it goes back to Kenwood or Icom for repair.

2. Ham radio code transmission is at best a secondary or tertiary link in emergency situations. Communications is best handled by telephone. Mr. Winter doubts that ham participation in disaster is really all that significant. I agree with him. It makes good press to describe how a ham contact was made after an earthquake struck, or hurricane hit, but there are other ways and usually more reliable ways to communicate in disaster situations.

"He Stated so eloquently, what so few of us old-timers have been willing to admit!"

3. The roll of Ham Radio in building international good will is overstated. Any communication between peoples does improve one's awareness, but the exchange of strength reports on signals to Bolivia, for example, really doesn't do much for their outlook on the respective countries by the recipients.

Let's be honest with ourselves. Ham radio is but one conduit, among many others, to commit youngsters to the excitement of science and engineering as careers. If the pre-teenager can be shown that the orderliness of mathematics and the knowledge of the physical principles can be enjoyed just for themselves, a route to a better way of life may be opened.

Like Mr. Winter, ham radio has been good to me. Over the years it has been a wonderful hobby. I've made some fine friends. But it is not a panacea. Should I fail to convince some youngster to try to master five words per minute of Morse code, perhaps instead, I can get him to learn how to boot a floppy disk, or copy a file. If I can do this, then I may go deeper and explain what happens when he strikes a key and the computer's operating system takes over.

And science education need not necessarily involve radio, or computers. Biology or chemistry or physics and the philosophy underlying these fields will do just fine. Education of the very young is, as Mr. Winter advises, the way for us to go.

WE NEED - YOUNG AND OLD!

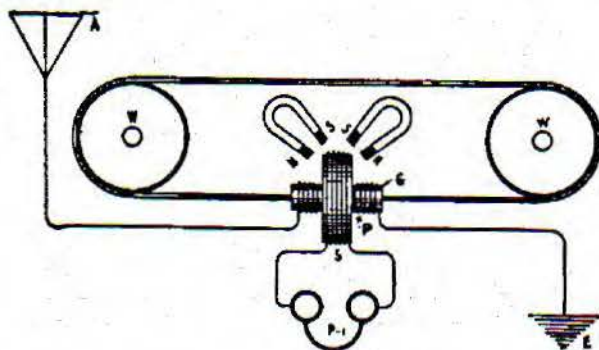
Les Weston K3AYK
RR 2, Box 333, Avondale, PA 19311

I have been reading of the stand on codeless licensing - and have no particular quarrel with it except questioning the advisability of permitting new licensees privileges on the 2 meter band. It's getting really crowded where it is difficult to find a simplex frequency. However, this is not the reason I am writing. I continually see comments about getting the young folks interested in ham radio but very little said about the old folks. If you consider the cost of getting into ham radio today it's sometimes a significant financial burden for young people raising a family to participate. Also, the boom in electronic gadgets such as Hi-Fi, computers, etc., is stealing their interest. Consider the older retired people many who have saved extra money and have time on their hands to try new ventures. They can contribute to and add to the ranks of amateurs while gaining a significant amount of enjoyment for themselves.

Why don't we try to get the "old folks" interested. Many QCWA members are in that group and have friends who might, with a push, get interested in our fascinating hobby. Many of these may be just waiting for something of interest to do with their extra time and, they may just have the extra bucks to enable them to get into Ham radio. How about an ad in AARP or other publications slanted to the older people. We might be surprised at the results.

HEADQUARTERS OLD-TIMERS HEAD SCRATCHER CONTEST!

We are challenging you old timers to come forward and identify the purpose of the equipment diagrammed below. It won't be easy to do! In order to break a tie, if more than one can identify it, include a brief description of its theory of operation



A hint is that it was developed by Marconi! We'll announce results of the game in the Spring, 1991 QCWA Journal! Send your solution and/or ideas to HQ Office.



EDITOR'S CORNER AND MAILBAG

SUBTLE APPROACH INDICATED?

Bob Rickey, NF6P, 8532 Red Hill CC Dr,
Rancho Cucamonga, CA 91730-1928

Occasionally a stranger will check into a net, sometimes after net control asks if there are any late check-ins or visitors waiting. After initial contact he is invariably asked if he is a member of QCWA. If he says no, he is immediately told that the net is for members of QCWA. He might as well have been told right then that he is not welcome as a non-member. Then, almost in the same breath he is asked if he would like to be sent a membership application. At this point he senses that his check-in was a mistake. He realizes he would have to join an organization about which he knows nothing if he wants to talk on the net. Not wanting to offend, he says he would like to have an application, says goodbye and is on his way. The probability is great he will not be heard from again.

Wouldn't it make more sense to accept him as a guest without mentioning membership, put him on the air and let him tell you something about himself? In this way you'll probably learn, without asking, if he is a QCWA member and, if not, whether he is eligible for membership. You will also get an inkling as to whether he would make a desirable member. I am amazed at how quickly we invite anyone/everyone to join our ranks. After he talks, net control should draw him out in a one-on-one basis and find out things he didn't mention during his transmission. This will make him feel welcome and provide more information about him. If he is a QCWA member, or eligible to become one, invite him back to the next session of the net. He may never show up again but if he does you have a good chance of gaining a new member. Then would be the time to invite him to join and to send him an application.

As Secretary-Treasurer I sent many applications to non-members who stumbled onto our net. I don't remember one of them joining our chapter. I think we needed to be more subtle about how we approached the matter. Let him join you for a short period and decide for himself if your net and QCWA is his cup of tea.

Editors Comment: This seems to me to be a good procedure. In the case of large nets where check-in time is excessive, simply accept all who call in, assign a number without reference to membership in QCWA, then when it is their turn follow the procedure Bob has set out above.

QCWA BUILDING FUND

The QCWA Building Fund received a gift from Leland and Helen Smith, W5KL/WA5WAR, during the August - October, 1990 period.

COMMITTEE ASSIGNMENTS 1990-1991

QCWA President Hazrry Dannals, W2HD, announced formation of standing committees charged with carrying out duties in connection with the operation of QCWA. Appointments as of November 1, 1990, are listed below.

Finance & Administration

Lewis McCoy, Chm; Milton Chaffee; Wesley Randles; John Huntoon

MEMBERSHIP SERVICES & ACTIVITIES

El Charlton, Chm; Wesley Randles, Robert Rickey, Norm Dias; Blanche Randles

PLANS AND PROGRAMS

John Kelleher, Chm; Walter Brink; Hugh Winter

MEMBERSHIP

Travis Baird, Chm; Pete Backstrom; El Charlton

PUBLICITY/AWARDS

Robert Rickey, Chm; John Kelleher; Wesley Randles; Ethel Smith; Ken Johnson

CONSTITUTION AND BY-LAWS

Jim Walsh, Chm; Arthur Kay; Hugh Winter

SCHOLARSHIP FUND

Leland Smith, Chm; Milton Chaffee; Jim Walsh; Leo Meyerson.

See President Dannals comments regarding service on the Committees, published in the President's Message this issue of the Journal, Page 143

Nominating Committee

The Nominating Committee named to establish a slate of candidates for the 1991 QCWA Elections did a fine job, making its final report to the Board of Directors at the Kansas City meeting in October. The Committee consisted of the following QCWA Members:

Michael J. Orofino, W2KO, Chairman
Art Rauch, W4VZ
Jack Troster, W6ISQ
Frank Schwab, W8OK
Jim McKim, W0CY



QCWA FUNDAMENTAL CONCEPTS

WHAT MAKES A CONDENSER CONDENSE?

Many QCWA members are not physicists, or electronic wizards, and for them we would like to talk a minute about the familiar condenser. All of us old-timers are familiar with many types of condensers in use - variables, mica, tubular, silver mica, electrolytics, etc. Radio as we have known it would be impossible without condensers. For this reason we thought we'd talk a little about the early scientists, to whom the condenser provided a real challenge to determine how and why it did what it did!

Not necessarily first, but early, in 1645, the forerunner of the modern condenser, called a Leyden Jar, was invented. Von Kliest, of Germany had found that if a jar were held in one hand, and a quantity of mercury poured into the jar and then a nail placed in the mercury, and a charge put into the nail, a real whopper of a shock would be realized if the nail were touched with the hand not holding the jar. He went further and placed the jar on a table, put the mercury, nail and electric charge and nothing happened.

While this work was going on at Leyden an experimenter tried the experiment using water in the jar, rather than mercury. When he touched the nail he was knocked to the floor. It is said that the publicity and excitement surrounding this experiment is the reason for the name, Leyden Jar.

In 1748 Benjamin Franklin put together an experiment that demonstrated where the electricity went when it was connected to the nail. Previous to his work it was believed that the element fire was soaked up by the water and was therefore in the jar. If that were so, reasoned Franklin, the water soaked electricity could be poured into a different jar. Trying that experiment he found that simply charging a jar with water, then pouring the charged water into another jar simply didn't work. The second jar was as dead as a door-nail.

Where then was the electricity? Hot on the scent, Franklin then took a plain sheet of glass, instead of a jar, and placed a sheet of lead plate on each side of the plate of glass. When he charged this condenser, he found that he could discharge it with an attendant spark, just as with the familiar jar-type condenser. With the insight given to so few, Franklin charged the condenser and then removed the glass plate. There was no charge on the metal plates, and touching any point of the glass plate he could detect a slight prickling shock. The electric charge was on the two surfaces of the glass, and the function of the conducting plates was merely to electrically connect the large surface of the glass.

We know now that the process of charging causes an elastic strain in the glass (dielectric) placed between two conductors. The capacity of a condenser to store a charge is dependent upon the characteristics of the dielectric. Two plates of metal separated by a sheet of glass will have 4 to 8 times the capacity of the two plates separated by air.

The condenser acts as a storage tank. The amount of charge it can hold is not fixed, but varies with the pressure used to charge it. If too much charge is forced in (by high voltage) the dielectric may break down and puncture, destroying the condenser.

One measure of quality of a condenser is its ability to store and maintain a charge. All dielectrics leak, some more than others. Variable air condensers leak too, the greatest leakage occurs at the sharp edges of the metal plates in the form of a brush discharge because of the tiny sharp points occurring along the feather edges of the metal plates.

Lest you ask, condensers with a vacuum for dielectric, or air, also condense but, the analysis is different. Next time we'll talk a little about that!

EDITOR (continued from opposite page)

NEVER, under any circumstance, acknowledge to anyone that you are receiving what appears to be malicious interference. Simply work around it, or sign out of your contact but, NEVER indicate that you are experiencing interference. If their activity is not acknowledged, it is possible that they will discontinue causing interference.

To me, this is the cowards way out of a nasty situation. I would rather butt heads directly but, that tends to indicate we would like to "get even" . . . and would likely agitate those causing the problem to even greater efforts to interfere. Why don't we all try it - No matter how much you are agitated by interference, do not, EVER mention it on the air.

A few months of this sort of action just might clean up the situation. But, remember, the looney ones are just like alcoholics. They are never cured, just in remission, just a few break-downs of your resolve would probably undo all of the good done by months of holding back. If we undertake this passive action, it must be forever. The possible good might make it worth it!



MEMBERSHIP ATTENTION REQUESTED!

EDITORS COMMENT

In recent months we have spoken of the prevalence of malicious interference. Interference caused by persons with severe personality problems. Our comments were to the effect that QCWA might be able to mount a really effective corps of men and women skilled as using direction finding procedures by which offenders could be identified. We did not go beyond identification, believing that if offenders were identified that they might drop their illegal activities.

We were hauled over the coals for this opinion - some felt that we were setting ourselves up as "vigilantes" and as such would be as bad as those who were causing interference. Others stated that it was dangerous to identify guilty persons, since they might take some sort of violent method to "get even". Others said that there were good and adequate methods already in place and establishing a new program or group would be useless.

We have reached the conclusion that present methods of bringing the malicious interference playboys to justice are essentially useless (based on the number of offenders identified and prosecuted).

It would seem that there may be only one way to get the matter solved. It is our opinion that those who get their kicks out of interfering with other communicators are probably maladjusted individuals who, in another age we would have called "batty" or suggested that they had a "screw loose". This sort of individual causes interference to compensate for his own inadequacies. To get satisfaction from his activity it is necessary that he knows that his activities are causing trouble. Therein lies what may be the best way to handle the matter. Why not, from this day on, make it a hard and fast rule to

(Continued on opposite page)

NOTIFICATION OF CHANGES IN QCWA BY-LAWS

At the Kansas City meeting of the Board of Directors, a number of minor changes were made to the By-Laws of QCWA. In accordance with Article IX, Section 3, of the By-Laws, any changes must be made available to inspection by Membership at least 60 days before they become effective. QCWA past practice has been to publish changes in the By-Laws in the QCWA Journal, and then specify that the changes become effective 60 days after the Journal is placed in the U. S. Mail Service.

In compliance with QCWA By-Laws, all changes adopted by the Board have been entered in the document and the By-Laws have been brought up to date. They follow on the next three pages of the Journal. Since the changes were mostly small, and to save time in attempting to find them, we are publishing a direct quotation from the Minutes of the Board Meeting which specify the changes that were made:

"CONSTITUTION & BY-LAWS - Vice President Winter described a number of proposed revisions as editorial. Minor changes involved ARTICLE 1, SEC 2 (a) 1: change to read: U.S. members shall be those members having U. S. zip code MAILING ADDRESS. SEC 2 (b) 2: change to read: International members shall hold full rights and privileges of membership with the exception of receiving LIMITED publications. SEC 2 (b) 3: Change to read: Quarterly news letters and membership rosters and hot line reports MAY be SEC 2 (c) 2 Change to read:regular publications will be passed on as "survivor benefits" to one family member for the duration of the PRIMARY membership period SEC 2 (d) 1 Change: Eliminate second sentence. SEC 2 (d) 1 Change: Eliminate LOWEST. ARTICLE II, SEC 1: Change current dues ARE published in the QCWA Journal. SEC 4, Change: Each applicant shall be assigned a membership number in NUMERICAL sequence. This number shall not be KNOWINGLY reassigned to another member. SEC 5 Change: Applicants for membership who were former members shall be reinstated, and REISSUED their original ARTICLE VI, SEC 3, sentence 2 Change: eliminate second sentence. SEC 4, last sentence: Change: Publication of the list shall be made in the SPRING issue SEC 5 Change: Each candidate shall submit SEC 6, Change: Line one, change May 15 to May 1 and add close of the polls on July 15. ARTICLE VII, SEC 1 (a) Change: Each Chapter member must be a member SEC 1 (f) Change: QCWA Chapters may not become affiliated ARTICLE VIII, SEC 2 Change: Expenditures not exceeding 10% OF"

BY-LAWS

ARTICLE I
MEMBERSHIP

Section 1. There shall be the following classes of membership:

- (a) U. S. membership
- (b) International membership
- (c) Family membership
- (d) Life membership
- (e) Honorary membership

Section 2. The classes of membership are defined as follows:

- (a) 1. U. S. Members shall be those members *having* a U. S. zip-code address.
- 2. U. S. members shall hold full rights and privileges of membership including receipt of all regular publications of the QCWA Journal and the Directories.
- (b) 1. International members shall be all members who do not have a U. S. zip-code mailing address.
- 2. International members shall hold full rights and privileges of membership with *the* exception of receiving *limited* publications.
- 3. Quarterly Newsletters and Membership Rosters and Hot Line Reports may be purchased upon payment of the amount established periodically to cover costs of printing and mailing of the appropriate publications.
- (c) 1. Family membership may be granted or renewed, upon request, to an eligible husband or wife, brother or sister, son or daughter, father or mother, of another member living at the same address paying dues in accordance with Article "II. The full dues paying member whose relationship establishes eligibility for family membership shall be referred to hereinafter as a "primary member".
- 2. Family members shall hold full rights and privileges of membership with exception of receiving publications throughout the duration of the Primary Member's membership. Upon the death of the primary member, regular publications will be passed on as "survivors benefits" to one family member for the duration of the primary membership period. Regular publications of a deceased Primary Life Member will be passed on to one family member for the duration of the primary membership period.
- 3. Family members shall receive a ballot for each election.
- (d) 1. Life membership shall be granted to those members whose dues have been paid or granted for life. Life membership fees shall be based upon 15 times the current annual dues.
- (e) 1. Honorary membership may be granted by action of the Board of Directors in recognition of outstanding service rendered by persons not otherwise eligible for membership in the Association.

Section 3. A person eligible for membership may apply by making application on the form prescribed and submitting the application to the General Manager for approval. Upon approval, and subject to review by the Board of Directors, the applicant shall be notified of his election to membership.

ARTICLE II
DUES

Section 1. The Board of Directors will establish dues for the various membership options and the current dues are published in the QCWA Journal.

Section 2. There shall be no dues or entry fee for Honorary membership.

Section 3. Any member whose dues have not been received by the Association within three months after expiration shall be dropped from all membership lists. A member in good standing is one whose dues are current and paid.

Section 4. Each applicant accepted for membership shall be assigned a membership number in numerical sequence. This number shall not be knowingly reassigned to another member.

Section 5. Applicants for membership who were former members shall be reinstated and reissued their original membership number upon payment of current dues. No member shall knowingly be assigned more than one membership number.

ARTICLE III
BOARD OF DIRECTORS

Section 1. The Board of Directors shall have control over the property and affairs of the Association and shall fix its policies. It shall have the power to hold meetings, appoint committees, suspend, censure and take all necessary and proper steps to carry out the principles of the Association and promote its best interests. It shall appoint a general manager and such other employees as may be considered necessary and fix their compensation, or it may contract for general management services.

Section 2. Meetings of the Board of Directors and regular meetings of the Association may be held within any state of the United States as authorized by the Board of Directors.

Section 3. Special meetings of the Board of Directors may, at the call of the President, be convened and action taken by mail or telephonic communications.

- Section 4. No officer or director shall receive remuneration for his services in any capacity. This is not to preclude reimbursement for documented expenses approved by the President.
- Section 5. Each officer and director of the Association shall serve for a term of two (2) years or until his successor is duly elected.
- Section 6. A vacancy in the Board of Directors shall be deemed to occur upon the death or resignation of a member or upon his refusal to act.
- Section 7. Robert's Rules of Order shall govern meetings of the Board of Directors and of the Association in all cases which are applicable. In the absence of any Standing Rules, the policies and procedures in the Director's Handbook shall serve as Standing Rules.

ARTICLE IV DUTIES OF OFFICERS

- Section 1. The President shall preside at all meetings of the Association and of the Board of Directors. He shall, with the assistance of the General Manager, carry out the mandates of the Board of Directors. He shall appoint such committees as he or the Board of Directors shall consider expedient or necessary.
- Section 2. In the absence of the President, the Vice President shall perform his duties. In the absence of both the President and Vice President, the Board of Directors shall select a member of the Board to assume the duties of the President.
- Section 3. The Secretary shall record the proceedings of all meetings of the Board of Directors. He shall promptly furnish copies of the minutes of these meetings to all members of the Board and publish a summary in the QCWA Journal. He shall be responsible for maintaining the corporate status of the Association, filing all corporate reports and certificates which may be required.
- Section 4. The Treasurer shall be responsible for the funds of the Association and shall be accountable to the Board of Directors. He shall prepare a proposed operating budget for submission to the Finance Committee and the Board of Directors prior to each Annual Meeting of the Board of Directors.
- Section 5. Upon termination of his term of office, each officer shall send to his successor, within 30 days, all property of the Association in his custody.

ARTICLE V GENERAL MANAGER

- Section 1. The General Manager shall be appointed by the Board of Directors. He shall manage the affairs of the Association under the direction of the President and/or the Board of Directors. He shall attend all meetings of the Board but without vote. He shall collect monies due the Association and as directed, shall deposit them in a QCWA account or turn them over to the Treasurer. He shall from time to time furnish to the Board of Directors such reports as may be required. He shall conduct the general correspondence of the Association and keep full records. He shall be the General Manager of the Association's publications. He shall prepare and submit to each Annual Meeting of the Board of Directors a comprehensive report of the progress and status of the affairs of the Association.
- Section 2. The Associations directories, year book membership lists or other membership mailing facilities shall not be sold nor be made available to any person or organization without the prior approval of the Board of Directors. The General Manager shall, when requested, without prior approval of the Board, supply mailing labels to candidates nominated for a National office. Mailing labels will be supplied at a cost basis as determined by the General Manager.
- Section 3. The General Manager may provide QCWA Publications to persons not qualified for membership, upon receipt of payment of the fees prescribed.

ARTICLE VI NOMINATIONS AND ELECTIONS

- Section 1. The regular election of officers and five (5) directors shall be held in odd numbered years. Election of five (5) additional directors shall be held in even numbered years.
- Section 2. No member may qualify for nomination to be an officer or director of the Association unless he shall have been a member in good standing continuously for more than two (2) years immediately preceding his nomination.
- Section 3. A nominating committee to select eligible candidates for the office of President, Vice President, Secretary, Treasurer and/or appropriate director positions shall be appointed by the President, subject to approval of the Board of Directors, no later than October of the appropriate years. The Nominating Committee should report to the Secretary and General Manager by July 31 for approval by the Board and subsequent publication in the next issue of the Journal. The Committee will then be discharged. Nominations made by this Committee shall be announced in the Fall issue of the QCWA Journal for the elections the following year along with a call for petitions from the membership for additional nominations.
- Section 4. Nominations of officer and Director candidates may be submitted by the membership by petition signed by at least 25 members in good standing. Such petitions shall be received by the Secretary by December 31 of the appropriate year. Upon receipt of such a petition, the Secretary shall, upon verifying the validity of the petition and the eligibility of the candidates, cause the names of the candidates to be placed on the ballot along with those submitted by the Nominating Committee. Publication of the list of all eligible candidates shall be made in the spring issue of the QCWA Journal.
- Section 5. Each candidate shall submit in writing a brief biographical outline for the Secretary by February 1 of the appropriate year. This biographical outline shall be published in the Spring issue of the QCWA Journal.
- Section 6. Ballots shall be sent no later than May 1 of each year to each member in good standing. The polls shall be open no less than 60 days after the date of ballot mailing. Election of candidates shall be by written ballot vote of a plurality of the members voting before the close of the polls on July 15.

Section 7. The President shall, with the approval of the Board of Directors, appoint two or more tellers to count the ballots. The tellers shall certify in writing the results of the ballot count for each candidate to the Secretary and to the General Manager.

Section 8. Results of the election shall be published in the Fall issue of the QCWA Journal. Candidates shall be notified by the General Manager of the results of the balloting via telephone within 24 hours of certification by the Secretary.

Section 9. Officers and Directors shall serve from September 1, following their election.

ARTICLE VII CHAPTERS

Section 1. Chapters may from time to time be formed upon the approval of the Board of Directors. The requirement for a Chapter shall be as follows:

- (a) Each chapter member must be a member in good standing of the Quarter Century Wireless Association, Inc.
- (b) The Chapter must have at least ten (10) members residing in the same geographical area.
- (c) The Constitution and By-Laws of each Chapter must be consistent with the principles of the Constitution and By-Laws of the Quarter Century Wireless Association, Inc.
- (d) Each Chapter shall elect a President/Chairman, Vice President, Secretary and Treasurer. The offices of Secretary and Treasurer may be combined. The Secretary shall be responsible for maintaining correspondence between the Chapter and QCWA Headquarters and shall file the Annual Chapter Report.
- (e) Each Chapter shall assess and collect dues and shall maintain a membership roster. Each Chapter shall have a minimum of two meetings a year, of which one will be the Annual Meeting. Additional business and/or social meetings should be encouraged.
- (f) QCWA chapters may not become affiliated with any other organization without prior approval of the QCWA Board of Directors.

ARTICLE VIII FINANCIAL OBLIGATIONS

Section 1. All obligations incurred by the Association shall be solely corporate obligations and no personal liability whatsoever shall attach to or be incurred by any member, officer or director of the Association by reason of any such corporate obligations.

Section 2. Expenditures on line items not exceeding 10% of the amount approved in the Annual Budget may be approved by the QCWA Finance and Administration Committee. Expenditures exceeding this amount shall not be made without prior approval of two-thirds of the members of the Board of Directors.

ARTICLE IX AMENDMENTS

Section 1. These By-Laws may be amended from time to time by a two-thirds vote of the Board of Directors present at any regularly called meeting of the Board of Directors.

Section 2. Petitions to change the By-Laws may be submitted to the Secretary upon signature of at least 200 members in good standing on January 1 of the year of submission of the petition. The Board of Directors must consider and vote upon said petition at the next succeeding meeting of the Board of Directors.

Section 3. The membership shall be advised of any amendment to these By-Laws at least sixty (60) days prior to its becoming effective.

November 6, 1990

NOTE REGARDING QCWA MUSEUM

The QCWA Board of Directors has agreed to establish a museum on early-day radio in connection with the Western Heritage Museum in Omaha, Nebraska. The activity was initiated by Leo Meyerson, WOGFQ, who had been approached by Western Heritage to help set up a radio/communications section in the Museum. Mr. Phillip C. Kwiatkowski, Executive Director of Western Heritage, addressed the QCWA Board of Directors at Kansas City, giving them a view of the Museums present and future plans. The Board acted favorably and pledged QCWA's involvement in the project. The agreement has not yet been formalized. It will be some time yet until a formal agreement will be drawn up which will spell out QCWA activities, rights and participation. Until a formal agreement is reached and published, QCWA members having material suitable for a museum are asked to be patient. If you desire, you may send QCWA Headquarters a list of material you wish to give to QCWA for placement in the Museum. This list of material will be handed to QCWA officials who will be in charge of the activities as the project progresses. Do not, at this time, write to the Museum offering equipment! A full story will appear in the QCWA Journal when the activity is formalized.



QCWA SILENT KEY MEMBERS

Washburn, Joseph H Jr	W1AWA	1,227	1990^	Harper, George W	W6AEV	2,401	1990
Flynn, Fred T	K1GGG	20,462	1990^	Gurr, Joseph H	W6AEW	8,310*	1990
Holden, Ellis G	W1GUI	6,605	1990^	Henderson, Albert L	K6AJ	8,610	1990
Lawson, Earl R	W1HKK	6,028	1990^	Bible, Amadeus V	WA6BDW	16,846*	1990
Cain, Eugene V	W1LFE	7,155	1990	Ma Conomy, Graham	W6BUK	2,123*	1990
De Bragga, J Robert	W1RT	13,602	1990	Larson, Lyle G	K6DDQ	6,172*	1990^
Zimmer, Hugo	W1NDX	1,099	1990^	Robinson, Richard L	AH6EA	7,375	1986^
Woodward, Leonice R	W1ZEN	12,455*	1990	Irwin, J Frank	W6ECB	17,060	1985^
				Wardell, Roy	W6EM	4,690*	1990
Due, Herbert J	W2BNV	11,285	1990	Owens, Lee H	W6IFW	22,925	1990
Reiss, Lester	W2BR	15*	1990	Scott, George A	W6QJQ	8,140	1990
Evans, Hayden W	K2BZT	1,212	1990	Farman, I L	K6RG	8,308	1990^
Siegel, Edward M	W2CQA	1,098	1990	Heintz, Sophie K	W6SH	2,317*	1990^
Nebel, Richard E	W2DBQ	3,505*	1990	Flatt, Leroy	W6TOX	13,541	1990
Hundstad, Carl E	KC2GG	18,523	1990	Morris, John L	W6YAR	22,769	1990
Worster, Merle C	W2HTW	11,209	1990				
Houck, Harry W	WB2KEE	4,724	1990	Owens, Malcolm George	W7AMR	21,809	1990
Humphrey, Rufus T	WA2KOV	19,159	1990	Richey, J Robert	W7BUQ	2,445	1990
Scott, George G	W2LFX	3,511	1990	Paquette, Joseph R	WR7C	10,194*	1990
Creque, Ernest O	W2LKS	6,146*	1990^	Vaughan, William P	W7CKD	19,912*	1990
				Hale, Harry A	W7FON	2,142	1990
Schnipper, Alex	W3AYJ	11,586*	1990	Lein, Harry C	W7HNP	8,250	1989
Rice, Lewis W	W3BNL	1,208	1987	Gibbons, Ralph J	W7KV	1,809	1990^
Mullins, Frank G Jr	W3BOU	18,146	1990	Hanson, Howard J	W7MRX	7,945*	1990^
White, Bernard	W3CVS	3,605	1989				
Mercado, Paul D	W3FBF	3,554	1990	Folkman, Ralph C	W8AF	284	1990
Conner, James T	W3HCE	3,699	1990	Phare, Weston D	K8BJM	15,669*	1990
Blair, William B	W3MAH	3,655	1989	Jump, Norman	K8EJY	16,176	1990
Scheerer, Harold E	W3MB	5,096	1990	Knight, Harvey N	W8EYC	4,508	1990^
Funk, Preston E	W3MFY	7,271*	1990	Harvey, Henry	W8GJF	19,646	1990
Schick, LaRue H	W3MMI	18,264	1990	Cannady, Maurice F	KD8IT	4,394	1988
Mc Carty, Hazel C	K3RGT	21,692	1990	Musgrave, Walter	W8NGW	16,602	1990
Goode, Raymond	W3SUA	14,362	1990^	Wilder, Roosevelt	K8RWF	18,574	1990^
Carrera, Mario L	W3TTN	9,498	1990^				
				Hochsprung, Ray	K9DEQ	19,178	1990^
Tamburino, A C	K4BX	3,303	1988	Fusick, Raymond W	K9FBL	19,800	1990
Humphreys, Thomas G Jr	W4CJZ	6,011	1990	Bushland, Roy W	W9GIT	8,259	1990
Hollinger, David E	W4CKX	4,798	1968	Whipple, C Reid	K9IWC	16,243	1990^
Fritschel, Eugene H	W4DK	125	1990	Sinnett, Robert J	W9JNB	2,924	1990^
Conway, Theodore J	W4EII	4,900	1990	Backus, Earl R	W9KWV	13,957	1990^
Warren, George W	W4EXJ	10,226	1990	Witte, Robert Elmer	W9PMT	4,765	1990^
Martin, Louis J	W4FZC	12,542	1990				
Barton, Homer C	KB4JC	15,209	1990^	Hawk, R R	W0AVD	6,907	1990
Krug, Paul C	W4LGP	7,496	1990	Mills, Leslie E	W0ERM	8,769	1990
Platt, John Eugene	W4QX	9,249	1990	Dickerson, Benjamin F	W0GCN	10,712	1990
Atherton, Ward S	W4RVE	10,100*	1990^	Bell, Nelson L	W0OOT	7,511*	1990
Maxwell, Jacob A	W4SH	8,970	1989^	Billings, Thomas J Jr	W0TRD	17,390	1990
				Watkins, Nelson A	KB0YE	20,935	1990^
Morgan, Doyle W	K5HMB	15,510*	1990	Jeanneret, Marsh	VE3EMJ	16,352	1990
Guedner, L J	W5IFM	4,290	1990^	Armstrong, Robert H	VE7RF	15,266	1990
Jones, C Ray	W5IHK	11,299	1990	Porter, W A	VE7WP	13,050	1990^
Bryan, Ray K	W5IQ	2,853*	1990				
Vredenburg, Evan C	W5NYN	8,302*	1990	Walter, Hans	DL9FR	14,976	1990
Hengels, Henry J	W5RLN	6,286	1990	Widder, Herbert	DL9IP	14,693*	1990
Smith, William A	KE5TA	20,066	1990				
Rush, Benjamin K	WA5TKW	6,674	1990^				

* Life Member

^ Date of death unknown, information requested

Silent Keys Reported as of November 7, 1990

The QCWA Convention at Kansas City turned out to be one of those really fine get-togethers. The Convention site was excellent, the rooms were fine and above all, the members of Mid-Century Chapter made it a special point to make everyone feel right at home. Two very active photographers were busy during the meeting taking pictures. Cass Cassing, W0GJG and Jim Walsh, W7LVN. Of the pictures taken, we've snipped a bit here and there to bring you a quick view of some of those and the activities they were enjoying at the meeting. Congratulations are due the Chapter and thanks are due to all members, Officers and Board members who came to take part in this Annual meeting! We're all looking forward to the meeting next year!

PICTURE IDENTIFICATION

1. Leo and Helen Meyerson, W0GFG
2. The Real McCoy, Director W1ICP, at the antenna forum
3. Secretary John Swafford, W4HU and XYL
4. Treasurer Wesley Randles, W4COW
5. Charter Member Frank Lester, W4AMJ
6. Members of QCWW, at its Kansas City meeting
7. Ethel Smith, K4LMB
8. Director Walter Brink, W3WPY and XYL
9. Convention Committee Chairman, Bill McGrannahan, KOORB
10. Director Robert Rickey, NF6P
11. President Harry Dannals, W2HD and Fred Hamond, VE3HC
12. Phil Anderson, W0XI, at the Packet forum
13. Director Milton Chaffee, W1EFW
14. Leland Smith, W5KL and Esther Given, W6BDE
15. Harry Dannals, W2HD; Larry Staples, W0AIB; Bill McGrannahan, KOORB





KANSAS CITY - IT WAS GREAT FIRST TO LAST!

AND, HERE'S A STORY AS THE CONVENTION WAS SEEN FROM THE INSIDE:

Bill McGrannahan, KOORB and Larry Staples, W0AIB were Co-Chairmen of the convention. Cass Cassing, W0GJG and Larry performed publicity, with Cass doing Sgt of Arms duties. The following are comments about the Convention activities from Cass, who was in them up to his neck!

A real "high" for the convention was Leo, W0GFQ. Leo has done the sing-alongs for years and one of his best (before Kansas City) was at San Diego but, there was no song leader. At Baton Rouge Leo promised to work at Kansas City but only if there was a song leader. I lost track of the proposed sing-along until a week before the QCWA Super Friday Night. Bill, KOORB called and said the song-leader couldn't make it and I would have to substitute. Now this, from a music standpoint of view is not bad, I am an organ player but, I am not a singer. Reluctantly I took the assignment. We rearranged the room to a larger one and brought in a baby-grand piano. Got a picture screen and the owner of one of the top old-time silent film distributors in KC to come to our meeting and show a 30 minute original Laurel and Hardy silent film. We made the room look like a round table, like an old time deluxe picture-bar and, we sprinkled chairs all around the room. Then we got some in house celebrities, as Past County Commissioner Pat, City Hall Chuck, Paul Grauer, and regional director and more, and with Leo's help, we put on a Friday night sing along that will be long remembered. Leo said it was one of the best he had ever attended. And, the room was filled . . . the bar just outside the door did a record business and they were happy. No one seems to know who ordered the set-ups, but it helped to make the night!

As Host official photographer, we took pictures and did some wet water fast processing and when everyone showed up in the morning the saw pictures of "the night before". I made a large montage and before long pictures began to disappear. I re-shot the pictures "liberated" and sent them to Leo. In my opinion, Leo's Friday night was KC QCWA! One of the Gals, K8ONV, invited me to be song-leader next year. The Silent movie should be on the agenda next time, it brings people out. We could have gone on forever, but it rounded it out in about an hour and a half.

Our banquet speaker was great although I thought Harry should have had the job. The program always drags out too long. Our cow-bell and "sparkler" helped, but way too much going on. A place should be provided for the photographer. Pictures are important to share the convention with the 97% of QCWA who didn't get to attend! A system for taking pictures of groups which could be sold at a nominal cost to those wanting them would be a good project.

In visiting during the banquet we were able to get some facts on cost of attending. It was the consensus that it cost about \$1000 per couple, same whether you drive or fly.

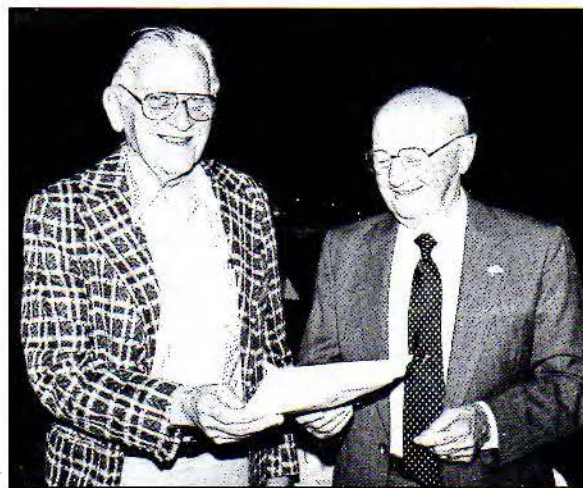
Golden Certificates Awarded at Kansas City



On October 13, 1990, the members pictured above were presented with their Golden Certificates as follows, L-R, back row: Don Mehl, W5BB; George Franklin, W0AV; QCWA President, Harry Dannals, W2HD, who made the presentations; Raymond Friesz, W0HRG; John Marshall, W0JM. Front row: M. J. McAllister, W0CW; Charles Cramer, W0ZL; James Forristal, W0CQT.

OREGON COAST CHAPTER No. 175

Jim Walsh, W7LVN
159 E 16th St, Eugene, OR 97401



It is always a great thrill to be "in" on a new Chapter being formed. Above, L-R are: Kenneth Lukins, K7JFT and Phil Smith, W7BFX, taken just after the final vote on the name for the new Chapter. Oregon Coast Chapter was formed on October 16, 1990 and their Charter has been mailed to them!

AMATEUR RADIO SATELLITE NEWS

AMSAT-NA SPACE SYMPOSIUM

BY W5IU

On October 19-21, 1990, AMSAT-NA held its annual Space Symposium at the Johnson Space Center in Houston, TX. Attendance this year was the best ever with approximately 225 present. Programs on Friday and Sunday were presented at the King's Inn. Saturday's feature programs were presented at the Johnson Space Center Visitor Center Auditorium. This year's location provided attendees an opportunity to see the excellent exhibits at the JSC Visitor Center, tour other NASA facilities, and see the Johnson Space Center Radio Club Station, W5RRR. A full slate of amateur radio satellite programs were presented. Topics ranged from "how to get started" to technical discussions of current and proposed satellites.

TELEMETRY AND DSP

This author found the programs presented by Gould Smith, WA4SXM, and Jim White, WD0E, particularly interesting. Gould's program "Decoding Telemetry from the Amateur Satellites" described types of information available from each of the "birds" along with the hardware, software, and techniques necessary to obtain and utilize the wealth of information available. Gould has written a book on the subject which will soon be available from AMSAT-NA. With the amount of telemetry currently available, an amateur could easily spend all of his time with this fascinating facet of the amateur radio satellite hobby and never have to talk through the "birds."

Jim's program "Microsat Motion, Stabilization, and Telemetry (and why we care about it)" provided the best insight into the passive stabilization system currently in use on the Microsats that I have seen or read. It is truly amazing what some magnets and judicious use of a paint brush can do. Jim carefully explained how the Microsat telemetry could be obtained and processed to illustrate the workings of the passive stabilization system.

While on the subject of gathering data from satellites, Jeff Wallach, N5ITU, presented an excellent paper complete with pictures titled "Satellite Image Processing for the Amateur." Jeff, chairman of the Dallas Remote Imaging Group, is a specialist in obtaining and processing picture data from the low, polar orbiting, weather satellites. Satellites of this type are the American NOAA series and the Soviet Meteor series. Most recently, the Chinese have also entered this field. With the technology available today, outstanding pictures can be obtained with a modest outlay for your ground station. These satellites are not amateur radio satellites, but their down link in the 136-138 MHz makes them easy for the amateur radio operator to find or adapt equipment for use in this band. Again this facet has the potential to consume all of your available time if you let it.

Now for the "glue" to tie all of this together. Bob McGwier, N4HY, presented an enlightening paper titled "The Development of 2 DSP Modems." Bob described how DSP Modems are destined to revolutionize communications. Their first applications will be aimed at consolidating all of the various modems currently required to copy telemetry, text, pictures, etc. into one software programmable box. With the appropriate software, one box can serve, CW, RTTY, ASCII, OSCAR + ' (13 400 baud PSK, PACKET, PSK for the PACSATS, 9600 baud ASCII (UO-14), APT and HRPT Picture Transmission, WEFAX, and the list goes on! As new modulation techniques develop, new software can be written to use the same box again and again. Through use of Fast Fourier Transform (FFT) techniques, the box can also be used to perform Spectrum Analysis, and copy signals deep into noise that would mask the signals from the human ear. All of this sounds "too good to be true;" however, at least one manufacturer is currently shipping units and more will follow by the first of 1991. With your radio, DSP Modem, and Personal Computer you will truly be able to "Work the World."

All of this sounds rather complex, but the technology is here to make all of this "plug and play." Don't let it scare you off! The challenge of using these new techniques and devices can be just as rewarding as DXCC, Public Service, and other facets of our hobby. The "plug and play" operator is needed to fully develop the uses for these new devices. DSP techniques will revolutionize modes like Moon Bounce making them accessible to many more amateur radio operators.

PHASE IIID

Dr. Karl Meinzer, DJ4ZC, presented plans for the development of a Phase IIID satellite as an international cooperative effort. Karl also made a presentation to the AMSAT-NA Board of Directors soliciting the participation of AMSAT-NA in this project. Timing for this project would be such that Phase IIID could serve as a replacement for AO-13 upon its untimely demise now predicted to occur in late 1996 or early 1997. The principle goal for Phase IIID is the production of a high altitude satellite with 10-15 dB better link performance than the current "birds," AO-10 and AO-13. If this goal is achieved, ground station requirements to work the "bird" will be greatly reduced. The AMSAT-NA Board of Directors voted to support this project to the fullest extent possible. Dick Jansson, WD4FAB, outlined how the technology developed for the AMSAT-NA Phase IV project could be utilized in the Phase IIID effort. Work has been stopped on the Phase IV project due to projected financial difficulties with the project.

MANNED SPACE ACTIVITIES

AMATEUR RADIO SATELLITE NEWS

Ron Parise, WA4SIR, the ASTRO-1 payload specialist scheduled for the Shuttle Columbia STS-35 mission had planned to report on the STS-35 mission results. Due to persistent Hydrogen leaks, the STS-35 mission still has not flown. Instead of the results, Ron gave us new insight into the mission (now expected to fly in December, 1990) and how all of its elements play together. Lou McFadin, W5DID, described the SAREX hardware and the "trials and tribulations" he and others went through to get the equipment approved for use on the Shuttle. Some actual SAREX hardware was on display. Ron and Lou added new dimensions to the manned space efforts and the SAREX missions in particular.

WEBERSAT

A trio of students from Weber State University of Ogden, Utah, led by Steve Jackson, WD8QCN, presented "WEBERSAT Operations and Experiment Results." This three part presentation focused on operation of the WEBERSAT command station, status of the picture taking efforts, and status of other experiments on board WEBERSAT. It is very refreshing to see and hear about the efforts of these bright students. We need many more like them to continue the traditions of our hobby. WEBERSAT pictures from space still require a good imagination for +(+i)proper interpretation; however, the pictures have improved and the "hands on" participation in downloading and re-construction of the pictures is gratifying.

MISCELLANEOUS

Many other papers were presented on a variety of subjects ranging from AMSAT Operations through Orbital Data and Predictions and on to future projects. One has to attend a meeting of this kind to feel the full impact; however, a better appreciation can be obtained through reading a copy of "The AMSAT Space Symposium Proceedings" available from AMSAT-NA. Last but not least, an excellent Texas Bar-B-Que Dinner was served at the JSC Employee's Recreation Center on Saturday evening. Dinner was followed by the AMSAT-NA Annual Meeting, awards, and prize drawing. On Sunday afternoon, Davy Blaschke, W5UN, hosted a gathering at his QTH to view the World's largest two meter Moon Bounce array. Although I did not get to attend, I understand that those present were treated to a live demonstration of "arm chair copy" two meter EME communication. Dave was presented with and award for his efforts in the rescue of DOVE last Spring.

MICROSAT STATUS

Through the efforts of Jeff Ward, G0/K0KA, Harold Price, NK6K, Bob McGwier, N4HY, and others the "Flying Electronic Mailboxes" are now available on UO-14, AO-16, and LO-19. Jeff and Harold have spent countless hours developing the new and innovative software involved. Initial

testing was accomplished on UO-14 with it's 9600 baud data rate to speed up the operation. The code was then ported over to AO-16 and LO-19 with minor modifications due to differences in the architecture. For ease of software development, both the Uosats and the Microsats share the same processors and operating system. "Tweaking" of the software loads is still going on. Activity is picking up on ground station software development. Initial releases for testing of preliminary packages have been made. The first release to the user community should be out by the time you read this. These initial releases will be in the Public Domain and are intended to get people on the new "birds" and familiar with their operation. Later releases of "all-singing-all-dancing" software will be distributed through AMSAT Software Exchange in a manner similar to the Orbital Prediction Programs. DOVE is still awaiting full checkout of the file handler software in use on the rest of the Microsats before it will be able to operate in a packet bulletin board mode and before activation of the long awaited digital voice capability.

RUDAK-2/RS-14

Current information says that RUDAK-2/RS-14 will launch on about Nov. 29, 1990. This German transponder aboard a Russian spacecraft will provide additional digital capability utilizing current PACSAT techniques along with some totally new modulation techniques. The Russian built linear translator will be available but low usage is anticipated. Launch of this new "bird" before the end of the year will bring the 1990 total to eight new Amateur Radio Satellites.

SUMMARY

This year, 1990, has truly been the "Year of the Amateur Radio Satellites." We should finish the year with seven new operational satellites and plans for several more. We are undergoing a transition to the "digital birds" and should be planning to learn how to most effectively utilize these "birds" in this Wonderful World of Amateur Radio Satellites. Try your hand at telemetry capture and study. Many enjoyable hours can be spent in this subset of satellite operation. I still need to finish equipping my own station for effective use of the digital satellites. By the time I complete the kits and hook-ups I currently have on hand, it will be time to get involved with the new DSP technology.

SEE YOU ON THE "BIRDS." 73 - W5IU

W5IU may be contacted by mail. Write to:

**Keith Pugh, W5IU
PO Box 121576
Fort Worth, TX 76121**

If you write & need a reply, include a self-addressed and stamped envelope.

ON AIR SCHEDULES - CHAPTER INDEX

QCWA JOURNAL
Volume 39, No. 3

SCHEDULED ON THE AIR MEETINGS

1	Cleveland Chapter	Wed	2400Z	W8OXA	146.88
2	Chicago Area	1Th	2100L		147.15
4	Northwest Chapter	Sun	1630Z	W7PN	3655
		Sun	2000Z	W7FNC	3952
		Sun	2300Z	W7AZI	3952
5	Delaware Valley	Sun	1445Z	W2HX	3917
6	Pittsburgh	Sun	1330Z	W8CSU	147.63
		Sun	1400		
7	Southern California	Sun	0900L	W6FQ	3917
		Sun	1100L	K6BA	3695
		Sun	1000L	W6ZRZ	146.805
8	Upper Midwest	Sat	0800L	W0KHG	3880
9	Dayton/Cincinnati	Sun	1800Z	W8DWT	3987
10	Michigan	Sun	1200Z	- V -	3903
11	Northern California	Sun	0930L	W6BCM	3907
		Sat	1000L	W6FQA	146.25
14	San Diego	Wed	0400Z	K6QM	145.52
15	Tulsa	Sun	0645L	W5FUR	3830
		Sun	0930L	W5DFU	7157
16	Arizona	Sun	0800L	W7ER	3890
20	Baltimore	Mon	2100Z	W3EE	147.28
21	Canton, OH	Wed	0130Z	W8OYV	147.42
25	Nebraska	Sat	0830L	W0EUT	3982
27	Houston	Thu	2000L	W5CCD	3866.5
28	Central New York	Sun	1030L	V	3917
31	Reading, PA	Mon	0100L		146.91
32	Gator	Sat	1200Z	W4OIN	146.37
33	Gunderson-Penn-Jersey	Daily	2000L	W3TI	3982
35	Mid-Continent	Thu	2030L	W0WHK	146.37
36	Northwest Indiana	Wed	0100Z	W9NGB	145.45
38	San Antonio	Sun	2030L	N5EN	28650
41	Dallas	Sun	0715L	V	3835
44	Nevada	Mon	2000L	W9RU	145.39
45	Citrus	Tue	1930L	W4BKC	147.225
46	Founders'	Sun	1615Z	W2DP	3917
		Thu	2030L	W2DP	148.360
		Dly	1500Z		7153
48	Treasure Coast	Sat	0900L	K4VN	3855
49	Atlanta, GA	Sun	1300Z	W5CNO	3835
54	Tyler Texas	Sun	1430Z		3985
55	Wisconsin	Sun	0930L	V	146.070
58	Colorado	Sun	0900	W0WSK	3905
		Sun	1700L	W4EWR	3875
60	East Tennessee	Sun	0800L	W8HIX	3663
61	Detroit Metro	Sat	0900L	K4BRC	3940
62	Suwannee	Sun	1400Z	V	3855
63	Central Oklahoma	Sat	1530Z	V	3933
64	El Paso	Sun	1330L	W2SD	3900
65	Niagara Frontier	Sun	1400Z	VE3CD	3772
73	Southern Ontario	Sun	1700Z	VE3TO	7090
		Sat	0830L		3917
75	Central California Coast	Sat	1300L		7180
76	Blue Ridge Chapter	Sun	1800Z	W2OJW	3917
77	Northern New Jersey	Fri	0100Z		147.285
		Wed	2100L		146.82
79	Sunflower Chapter	Sat	1400L	W0AWP	3610
		Sat	1400L	W0MYM	3915
81	Long Island Chapter	Sun	1130Z	W2AMI	3917
		Fri	2030L	W2DX	147.33
84	Florida	Mon	0130L	KF4BU	146.28
85	Ark-La-Tex	Mon	0100Z	K5LFJ	146.67
87	Evergreen	Sun	1500Z		3985
89	Palmetto State	Sat	0900L	W4EGH	3927
		Sun	1700L	N4LS	3695
90	Razorback	Sun	1300L	W5MYZ	7230
92	Northern Lights	Sat	2000Z		29000
96	Gateway	Sat	1600Z	W2KGI	3933
102	Dakota	Sun	1400Z	W0HOJ	3890
104	Treasure State	Sat	1700Z		3938
106	German	Mon	1700Z	DL9AR	3663
		Tue	1730Z	DJ2ZB	3555
107	Central Florida	Sat	0900L	W4LHP	7243
		Thu	1400Z		21380
109	Baton Rouge	Sun	0830L	W5URR	3905
		Sun	2000L	W5URR	146.19
110	Kansas	Sat	0730L		3920
112	Yankee	Sun	0830L		3902
114	North Texas Chapter	Sat	1430Z	WB5PHM	3943
117	Appleseed	Sun	2030L	W8JYY	147.36/96

118	Coastal Cardinas	Mon	2000L	W4EHF	146.28
118	Coastal Carolinas	Mon	2000L	W4EHF	146.28
120	QC Wireless Women	Tue	1900Z		14295
122	Lake Erie-Tri State	Sun	0930L		3915
123	Lee deForest	Sat	1330Z		3885
125	Halifax Chapter	Tue	1930L	K2HWF	147.15
126	Piedmont	Sun	0900L		3935
128	Pelican	Sat	1000L		145.29
130	Inland Empire	Sat	0800L		3862
131	Gulf Coast	Tue	0900L	WF4V	28750
134	Pine Tree	Sun	1930Z		3942
135	Mid-Michigan	Tue	2000L		146.40
138	Central New Jersey	Tue	2200L	W2DME	147.045
140	Wyoming	Sat	1500Z	W7MZW	3923
143	North Colorado	Sun	0830L		145.115
146	Twin State	Sun	0830L	W1SVT	3897
149	Nutmeg	Sun	1630Z		3923
150	Del-Mar-Va	Sun	0900L	W3BY	146.22
151	Wild Rose	Tue	0200Z	VE6EO	7070
152	Royal Palm	Dly	1800Z	W4LZV	3910.
		T&T	1830Z	W4LZV	14180
154	Leo Meyerson	Thur	1830L	V	145.490
157	Pony Express	Sun	0830L	K0LJK	3955
160	Utah Chapter	Sat	1730Z	W7FVM	7272
162	Southeast Wisconsin	Thu	0300Z		147.27
164	Big Bear Lake	Sun	0300Z	K6GCF	147.33
165	York County	Thu	0200Z	W3AXC	146.94
167	Gold Coast	Wed	1030L	KI6YN	147.885

QCWA INTERNATIONAL & REGIONAL NETS

QCWA INTERN'L	Sun	2000Z	W6FQ	14347
QCWA CW NET	Wed	2000E	W5QU/W4PI	7035
Florida SSB	Sat	1300Z	K2SN	3955
NE Regional	Sun	0845L	KA2IXW	3917

INDEX TO CHAPTER NEWS/REPORTS

Chapter	Page	Chapter	Page
1	155	77	181
5	185	81	185
6	180	87	178
10	184	89	176
11	177	104	175
14	179	106	172
30	182	107	173
41	175	109	171
45	171	117	174
46	178	120	173
53	178	130	175
55	177	134	179
60	185	138	180
61	178	149	185
62	181	160	174
65	184	162	180
70	173	169	176
73	172	174	176
75	182	175	167
76	176		



CHAPTER NEWS & REPORTS



QCWA Winter Scene

CITRUS CHAPTER No. 45

Don Fisher, W4PLA
143 Hilltop Pl, Altamonte Spgs, FL 32701

Citrus Chapter held its August meeting on the 18th at Stacey's Buffet. The noon meeting was attended by 18 members, XYLS and guests. Highlight of the meeting was presentation of a check to the chapter by Mike Hudzik, KN4BG, President of Orlando Amateur Radio Club for the Chapter's help in making the 1990 Hamcation a big success. The check was given as a share of Hamcation registrations obtained by the work of Chapter members. Much of the fund is due to the efforts of Louis Quinonez, K4JDY and his XYL, May. Louis and May coordinated registration and assignment of more than 600 swap tables at the Hamcation. In recognition of K4JDY's efforts, Citrus Chapter is pleased to present the \$100 check to QCWA, Inc. building fund. Those participating are shown in the picture, L-R: May Quinonez; Rita Hudzik; Mike Hudzik; KN4BG; Louis Quinonez, K4JDY; and Lee Aurick WISE, Citrus Chapter President. Photo by John Morehart, KB4TAG.

On September 15 Citrus chapter members participated in a unique event. Members of Daytona Beach ARC launched a helium filled balloon carrying equipment destined for the edge of space. Art Degarmo, K2AGT; Don Fisher, W4PLA; and Dave Hall, W4TOD, monitored the balloon's progress as it rose from an airport site near Deland, FL. The balloon carried a beacon/telemetry transmitter giving altitude, temperature, etc., operating on 144.34 MHz and, a fast-scan amateur television transmitter sending live video from a camera pointed straight down. Tremendous pictures of the surrounding area were quite a treat to see. Signal reports from as far as North Carolina were received from the telemetry channel before the balloon burst at 128,000 feet (24.24 miles high). A parachute slowed the instrument descent, and a devoted group of DF'ers retrieved the equipment. The next launch is scheduled for late spring, 1991.

BATON ROUGE CHAPTER No. 109

El Charlton, W5MD
1533 Outrigger Dr, Baton Rouge, LA 70816

Baton Rouge Chapter 109 had a very nice meeting at Podnah's Bar-B-Que on Saturday, September 29, with 26 members and guests present. It is with sadness that we must report the demise of one of our Chapter members, William A Smith, KE5TA. Bill passed away on the 24th of September after an extended illness. Our condolences are extended to his family.

Chapter membership now stands at 105 members. Election of officers is now official for the period January 1, 1991 through December, 1992. Those elected to serve are:

El Charlton, W5MD	President
Shirl E Cook, K5OPL	Vice President
J Warren Aubin, K5DVQ	Scty/Treasurer
M W Kirkpatrick, W5KYC	Director
Al Heine, W5OVV	Director
George Perry, W5LVX	Historian

A special thanks goes to Bill Goforth, W5URR for his dedicated service as our past Vice President.



Merry Christmas



CHAPTER NEWS & REPORTS

GERMAN CHAPTER No. 106

Gerhard Jacoby, DL3ME
Widdersbergerstrasse 40,
D-8138 Andechs, West Germany

German Chapter 106 did meet again at Friedrichshafen's "Ham Radio" June 28, 29 and 30 through the first of July. 16,429 visitors from more than 30 nations and 160 exhibitors from nine countries came to the biggest radio show in Europe.

QCWA had a booth together with OOTC and counted several hundreds of visitors from all of Europe. Especially hams from the eastern part who had never seen such an event since 40 years and who were very much interested in the activities of QCWA. We could not of course compete with the attractions of the flea market with more than 400 traders.



Pictured here are Gerhard, DL3ME at left and DL9AR at the booth!

Saturday the June 30, QCWA had it's informal meeting with 21 attending. Among them Jean, LX1JW, and Kurt HB9MX, from Switzerland. Our numerous friends from Austria were too much occupied by the wonderful exhibitions. The weather was wonderful - altogether we had a jolly good time.

The next meeting of the German Chapter was as usual at the German Netherlands Border Meeting, (DNAT) at Bad Bentheim, near the Dutch border. Only 14 members and three guests attended the meeting. DJ5ND, DJ5VC and DL6GX were chosen to prepare for the next election. There was no satisfaction as to the new dues rules. The next meeting is scheduled for November 3, on occasion of the INTERRADIO, at Hannover.

In the year to come the General meeting will be held at Mainz, or its surroundings, May 3 to 5, 1991. At the end of June, HAMRADIO at Friedrichshafen, August 24, DNAT at Bad Bentheim and November 2 or 9, again, INTERRADIO at Hannover.

For those QCWA members in the US who plan on visiting Germany, please advise our President, DL8AJ, so that he can help you visit members in D - Land.

SOUTHERN ONTARIO CHAPTER No. 73

Harry W. Reynolds, VE3MO
RR 1, Jarvis, ON Canada N0A 1J0

It has been a while since Southern Ontario Chapter made a report to the QCWA Journal. At the bi-annual meeting in May, 1990, at the Mohawk Inn, Campbellville, ON, with 85 members and guests attending, the following officers were elected to serve for two years:

Harry W. Reynolds, VE3MO	President
Fred Wilkinson, VE3AJW	Secretary/Treasurer

The meeting featured presentation of the QCWA Golden 70-Year award and a Certificate of membership in the QCWA Century Club, to Stanley Moir, VE3SM. Stan is 84 years young! Congratulations Stan! Members were

asked to watch for Frank Edwards, VE3ER, on the Snow Bird net as V31FE during the winter months.

The October bi-annual meeting in Campbellville saw 57 members and guests present. The meal was good and the visiting was excellent.

The following Chapter 73 members took part in the QCWA 1990 QSO Party: (CW) Mel Riddell, VE3QU and George Bridgeman, VE3MMQ; (Phone) Mel Riddell, VE3QU; Harry Reynolds, VE3MO; and George Bridgeman, VE3MMQ. Chapter members were asked to take a more active part in the 1991 QSO Party this coming spring. QCWA Director, Fred Hammond, VE3HC missed this meeting, being in Kansas City attending the National QCWA Convention.

The Spring, 1991 Chapter bi-annual meeting is scheduled for the Mohawk Inn, Campbellville, Ontario (Hwy 401, Exit 312, on May 11, 1991. Hope to see you there!



CHAPTER NEWS AND REPORTS

NATIONAL CAPITAL CHAPTER No. 70

Ralph Thomas VE3GG
2180 Benjamin Ave, Ottawa, ON Canada K2A 1P4

Our May 30, 1990 meeting held at Miss Westgate Restaurant, was attended by 27 members. Bill Barrie, VE3AAS, gave a very informative talk on the part played by radio and electronics in the Arctic during and after the war, with slides of the DEW line and other installations. The slides brought back nostalgic memories amongst the "old-timers" present.

The Fall meeting, September 19th, at Perry's Place Restaurant, was our annual Ladies Night, with 27 members and 17 visitors present. Our feature speaker was Jim Swail, VE3KF, who described and demonstrated "Adapted Equipment for the Blind." Jim, himself blind, has received a number of honours for his work in this and other fields of electronics. Among other instruments which he has designed, he demonstrated devices for measuring and tuning, and for producing synthetic speech from a pocket calculator, a computer and from the six-dot Braille code.

Over the past few months we have welcomed five new members to the Chapter: John Athey, VE3GS; Ted Turner, VE3JGQ; Keith Bedal, VE3GFI; John Hay, VE3HPW; and Gerry Harbottle, VE3AGU. We are sorry to report that Bob Armstrong, VE3RF, became a silent key April 24th. Bob was a long-time member and former Secretary-Treasurer, and is sincerely missed.

Our next meeting will be November 21st, and will be the Annual General Meeting at which election of officers for 1991 will take place. A revised set of Constitution and By-Laws is being prepared for presentation at the AGM.

CENTRAL FLORIDA CHAPTER 107

Jim Gundry, W4JM
2908 Forestgreen Dr, S, Lakeland, FL 33811-1616

Each member of Central Florida Chapter is being provided with a Member's Manual, designed by Prexy Frank La Londe, W4PBL and computer produced by Bill Hunsicker, K4DF. Kudos for a job well done! The Manual includes a membership list, equipment inventory form and information on area hamfests and radio nets, including our own: 7243 kHz, Saturdays, 9:00 AM, ET.

Special congratulations to new national Director Walt Brink, W3WPY. He's a member of our chapter in addition to his home chapter. Let's "adopt" Walt for our correspondence on QCWA policy matters.

We regret loss of members Charlie Baptist, W1PB; Clarence Ely, K9HTJ and Orelo Kohl, KA8SVV. For various

reasons they aren't returning to Florida. Best wishes to all; we'll miss 'ya. We gain new friends however: Bob Burkhart, N4PDZ; Floyd Hershner, WB4CEX; Jay Hitchcock, K8YGH and George Shoemaker, WB0RLO. Welcome!

Lakeland area QCWA members and their wives are invited to attend our Dutch-treat luncheons the third Saturday of the month, year around, 11:30 AM, Sizzler Restaurant, US Hwy 98 N, 1/2 mile south of the new Lakeland Mall.

Sincere thanks to the 1990 Officers who served us so well; President Frank La Londe, W4PBL; Vice President Tom Snipes, KM4OA; Secretary Jim Gundry, W4JM and Treasurer Charlie Stevens, K8RIF. Nominees for 1991 are: President, John Spark, W4LHP; Vice President Bill Hunsicker, K4DF; Secretary Jay Hitchcock, K8YGH and Treasurer Frank Mason, W4TIC. Let's support their leadership to the maximum. One way is for each chapter member to bring in a least one new member in 1991!

Editor's Note: This Membership manual prepared by Central Florid Chapter is an outstanding piece of work. It gets important information, both current and historical into members hands. We would urge all chapters to undertake a similar project which we feel certain would go a long way toward insuring membership participation in Chapter activities.

QUARTER CENTURY WIRELESS WOMEN

Betty Strattan, W2PVS
Wright Road, LaGrangeville, NY 12540

A meeting of Chapter 120, QCWW, was held at the Convention of QCWA in Kansas City, Missouri, on October 12, 1990. There were 24 members and friends attending.

President Mary Ryden, K8ONV, introduced the five past presidents who were there: Blanche Randles, W4GXZ; Esther Given, W6BDE; Betty Strattan, W2PVS; Adah Elliot, W9RTH. Only the second president, Ruby LaRue, W7JZA was missing.

Our news letter "Silver Sparks" editor, Paul Gerbracht, W3QPP was thanked for his services. He is turning his duties over to Ann Arnholt, W9RXXF, our new Editor.

Three Silent Keys were remembered: Onie Woodward, W1ZEN; "Little Bo" Florence Bogardus, W4HRC and Lillian Beebe, WA5WZF. Gifts to QCWA are being made in their memory. Chapter 120 has a net Tuesdays at 1900 UTC on 14295 kHz, with Maxine Dixon, K4KUU as net control. You are all invited to join. If you work 20 QCWW members we will send you a certificate! See you at the Convention in 1991, at Canton, OH!



CHAPTER NEWS & REPORTS

WYOMING-IDAHO-MONTANA-UTAH AREA MEET

Maryellen Vaughan, KA7ZRW
PO Box 935, Ivins, UT 84738-0935

Attending the WIMU Convention, we were asked to handle the QCWA Hospitality room and of course we agreed. Friday evening 26 were present for a good dinner and fellowship. This was our first QCWA get-together for WIMU and it was enjoyable. We're looking forward to going again next year. Saturday morning we opened up at 9 AM with coffee and donuts served until 5 PM. This was a last minute project, and luckily W7LVN had a supply of hats, applications, etc., with him and we sold out his supply. It was a busy day, and we enjoyed meeting and visiting with Directors Jim Walsh, W7LVN; El Charlton, W5MD and Bob Rickey, NF6P.



And, From Jim Walsh, W7LVN - - -

Pictured Above are, L-R, Bill Vaughan, W7CKD, a recent Silent Key; Bob Rickey, NF6P; Jim Walsh, W7LVN; El Charlton, W5MD - the latter three are newly elected directors, attending the WIMU hamfest. The QCWA 1990 election returns were conveyed to W7LVN by W5KL on twenty meters just before Jim arrived at the WIMU hamfest to convey to the other two directors the election results.

While at WIMU a number of new members were signed up and some preliminary work was done toward establishment of new Chapters in Boise and Idaho Falls.

APPLESEED CHAPTER No. 117

Carl Willis, K8DKO
464 Forest St
Mansfield, OH 44903

The regular meeting of Appleseed QCWA was held at the home of Walt Lang, W8UDO who had recently become a Silent Key. His XYL, Kay, continued the annual event. In past years Walt has had a catered picnic dinner at his residence.

After a fine meal in which all had plenty to eat, we had a short business meeting followed by a pleasant eyeball rag chew. The XYLs also enjoyed the social hour. At the business session, President Dick DeLong, W8EMK, conducted election of Officers. Those elected to serve are:

Glenn Markley, W8VLB, President
Tom Blizzard, K8AKA, Vice President
Carl Willis, K8DKO, Scty/Treasurer

The entire chapter wishes to thank Kay for continuing the annual picnic and hope that she can keep up the good work.



CHAPTER CHRISTMAS PARTIES!

Many QCWA Chapters have their annual meeting as a Christmas Party, with presents, good food, and lots of fellowship. If you haven't tried it, why not have a go at it this year?

It is a good deal of fun to have a couple of simple games planned too, games that everyone can play, even if hampered by a bit of rheumatism!

Send us a story and a picture of your Christmas season activity for later publication in the Journal!

MERRY CHRISTMAS!



CHAPTER NEWS & REPORTS

INLAND EMPIRE CHAPTER No. 130

Robert Rickey, NF6P
8532 Redhill Country Club Dr
Rancho Cucamonga, CA 91730

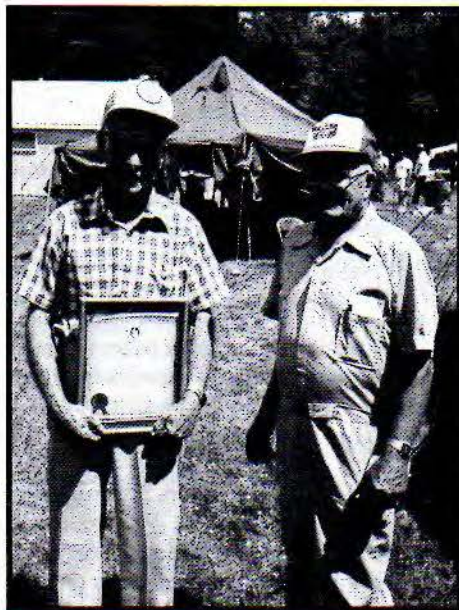
Chapter 130 held its annual picnic At Sylvan Park, Redlands, California, August 18. It was a perfect day to get together for a pot-luck lunch. The ladies out-did themselves again with the quality and quantity of delicious food they provided. Members and spouses ate heartily and did a good job of catching up on the news and happenings since our Spring meeting. Bert Ayers, W6CL surprised all by bringing a spark transmitter and a crystal receiver complete with cat-whisker galena detector. It was the first time that several of the attendees had seen such equipment. He operated the transmitter and explained how it worked. Thank goodness for the invention of the vacuum tube and semiconductors.



The get-together also featured a swap/show table. Several members brought items to sell and/or show. It was the second year for this feature which has created much interest. The picture above shows a few of the XYLs engaged in a little catch-up conversation and the fellows in the background going over the spark transmitter. Member Al Hill, W6JQB was photographer of the day.

TREASURE STATE CHAPTER No. 104

Florence Majerus, W7QYA
314 North Elm, Lewistown, MT 59457



Orval Hill, W7DB, was presented with a commemorative plaque at the annual summer meeting of Montana's Treasure State QCWA Chapter 104, held at the Glacier Waterton hamfest in July. In making this Award, picture at left, George Schneider, W7BKM, praised Orval for his many years of service to QCWA Chapter 104, in holding offices and in dependable and faithful activity in keeping the Saturday QCWA net in operation.

Officers elected were:

Bill Hammond, W7OTJ
Harry Roylance, W7RZY
Bob Corbett, W7BC

President
Vice President
Secretary

President Bill appointed Ralph Knuckey, K7NDV as Membership Chairman and Flo Majerus, W7QYA as Historian.

Other matters discussed at the meeting were: A proposal for life membership; Operation of the weekly net; Attempts to bring in new members; Steps to obtain legal non-profit status and the possibility of Fifty-year certificates.

Other summer activities included a ham picnic hosted by W7OTJ. Many QCWA members were in attendance for an informal meeting. At the invitation from Bill Savage, VE6EO, the group will meet in Lethbridge, Alberta, on October 6, 1990.

CH 41 JUNK MAIL CONTEST!

Dallas Chapter members complain about junk mail constantly and finally someone came up with a contest. A contest to see who gets the most junk mail in a 30-day period. Everyone saves all their junk mail

- WE ALL GET IT - JUNK MAIL - IT NEVER GETS LOST - IT NEVER GETS TORN UP - ALL LOOSE SHEETS ARE DELIVERED IN PERFECT ORDER

In a paper grocery sack. It is then taken to the next Chapter meeting at which time it is weighed and the top 3 contestants get a prize. The prize was not positively identified when this was written but, we may get info by press time.



CHAPTER NEWS AND REPORTS

BLUE RIDGE CHAPTER No. 76

Arch Doty, W8CFU
347 Jackson Rd, Fletcher, NC 28732

We are sorry there was never any positive response to our letters offering to bring our elegant new QCWA exhibit to the Dayton Hamvention. It is our feeling that QCWA's presence at Dayton should have been as impressive as possible and our display would have helped in this area.

Our chapter continues to hold two well attended meetings a month - one a 'formal' meeting, complete with a speaker, et al, and a second, informal meeting where twenty or so of the group can meet, chat and plan the future course of the Chapter.



For the record, I am enclosing a picture (above) taken at the last formal meeting. Shown is part of the 83rd birthday celebration that the chapter gave one of its charter members, and probably our most loved member, Harry Mills, K4HU. The clown, and other arrangements, were organized by our Chapter's 'Mascot' Hester Lennington, N4MPQ. (Hester, an Extra Class amateur and CW whiz, who handles all of the arrangements for our Chapter meetings and speakers is, incidentally, one of the reasons that QCWA is very short-sighted in not allowing Associate memberships)

PALMETTO CHAPTER 89

John R. Miller, W0IKT
401 Tiffany Dr, Anderson, SC 29625-1815

Chapter 89's Annual meeting was held September 22, 1990. Our Chapter has implemented an automatic progression plan. Thus, the First Vice President moves into the Presidency, the Second Vice President moves to the First VP and we elect a new Second Vice President. This happens each year, and we think, is good because the President has had an opportunity to be a member of the Board for two years before he gets the "hot seat".

Our new President is:

Robert D. Lambert, Jr., W4BZX

The First Vice President is Charlie Thomson, K4JQY, and the newly elected Second Vice President is Frank Wooldridge, W4IZD.

QCWA DUES WILL INCREASE ON JANUARY 1, 1991. CHECK YOUR EXPIRATION DATE, RENEW MEMBERSHIP NOW, AT THE OLD LOWER RATE - TIME IS SHORT!

WISCONSIN BADGER CHAPTER 174

Frank L. Guth, W9BCC
1632 Ellis St, Stevens Point, WI 54481

Twenty-nine people, members, spouses and friends gathered together September 8, at the Post Restaurant

in Iola, Wisconsin for the first such meeting of QCWA Wisconsin Badger Chapter 174. After an hour of eyeball ragchews with refreshments, the group sat down for a family style dinner at noon.

After the dinner, arrangements were made for the ladies to tour scenic Iola and the headquarters for Krause Publications, known internationally for its publication of magazines on antique cars, coins, stamps, and other hobby collecting.

The members then sat down to map out future activities and aims of our new Chapter 174. Many ideas were tossed about and discussed. Our original QCWA Charter was displayed and Charter membership was closed at the end of this meeting.

SACRAMENTO VALLEY CHAPTER 169

F Wm Hendrick, NS6D
2044 Janice Ave, Sacramento, CA 95821

Sacramento Valley Chapter 169 is alive and kicking! Our membership stands at 26, and we have 2 additional prospects expected within a few weeks and we have had no drop-outs since inception of Chapter 169 in March, of 1989!

One or more of our members advise that they have read of erroneous information concerning our monthly meetings. The Chapter meetings and OOTC meetings are held at the Lyons Coffee Shop, at 1000 Howe Ave, Sacramento, CA 95825, on the 2nd Wednesday of every month. The time is 8 AM for OOTC, followed immediately by QCWA. This dual fraternity affords us an opportunity to extract potential members from the OOTC, and we believe it is working.

Thank you for the Hotline Report received on the 9th (October) 'tis a pleasure to chat with you this morning. Good health, luck and DX to all from Chapter 169!



CHAPTER NEWS AND REPORTS

WISCONSIN CHAPTER 55

Ed Seruga, KE9JJ
3840 S 43rd St, #21, Milwaukee, WI 53220

On October 6, 1990, members of Wisconsin Chapter 55 enjoyed a fine luncheon in the company of 80 persons in attendance. The meeting was held at Klemmer's Williamsburg Inn, Greenfield, WI.

The meeting featured discussion on chapter membership requirements. All Chapter members must be members of QCWA, Inc., and this opened discussion about those who belong to several QCWA chapters. For the National Files, only the home chapter of a member is listed. This means that checking of a member for membership in other chapters is a burdensome matter. After discussion it was decided that members renewal would carry reference to the home chapter. This is desirable to insure that such members receive the mailing and informational material from Chapter 55.



Pictured above, Wisconsin Chapter Ladies, introduced by Jimmy Zimmerman, WA9EPY at left. The Ladies are, L-R, Ginny Zimmerman XYL of WA9EPY; Dotty Shady, XYL of KB9XR and Sophie Seruga, XYL of KE9JJ.

Our Spring meeting will be held June 1, 1991, at Lake Delton, Wisconsin and the Fall meeting is scheduled for October 5, 1991, at a site in Door County to be announced. Travis Baird presented information on the National activities. As is usual, the fall meeting featured election of four Directors. Those elected were:

Don Cyr, N9EAY; Dick Scarvaci, K9CAN; Fred Becker, W9KKM and Verne Teske, W9RYA!

Following this election, the Board, consisting of the above plus Travis Baird, W9VQD; Don Cyr, N9EAY; and Bob Halbman, AJ9P, met in a short session followed by announcement of Officers who will serve for the 1991 year. Those chosen were:

Verne Teske, W9RYA	Chairman
Laurel Anderson, W9BTY	Vice Chairman
Dick Scarvaci, K9CAN	Secretary
Fred Becker, W9KKM	Treasurer

NORTHERN CALIFORNIA CHAPTER No. 11

Russell A. Estep, W6AUC, 1469 El Camino Real, Belmont, CA 94002



Norcal Chapter 11 met on August 25 for it's annual picnic at the Marin French Cheese Factory near Petaluma, California. Thirty-five attended. It was a fine meeting with everyone having a good time. A wonderful musical program was provided by K6IGJ and W6KHH. W6HHN and his YL provided a skit which was well done and enjoyed by all!

The picture at left shows most of those present (some had left before the picture was taken)

Our next big event will be our annual luncheon, January 6, 1991, at the Spenger Fish Restaurant in Berkeley, California.



CHAPTER NEWS AND REPORTS

FOUNDERS' CHAPTER 46

David Winter, W2AUF
84-26 87 St, Woodhaven, NY 11421

Founder's Chapter meeting was held September 26 at the 14th Street Armory. The meeting had been scheduled at the UN but due to the Persian Gulf problems, the UN facility was not available.

Early birds met at the bar at 6 PM and dinner was served at 7 PM. There was a small turn-out. The meeting was opened by Tim, KC1EZ, in the absence of John, KA2IXW, who was in Spain. Silent Keys mentioned were W2PF and W2BR leaving only four of the original 47 charter members. John will have to form a nominating Committee when he gets back. The next meeting was scheduled for November 28.

Speaker for the evening was Anthony Bruno, W2ZUP, who operates an antique radio restoration business in New York City. He gave a very interesting talk and answered questions about the old broadcast and amateur receivers of



the past. Pictured here with Tim, KC1EZ at left, and Anthony, W2ZUP at right, is a Philco, Model 70, cathedral type receiver (1930's), brought to the meeting by Anthony - it brought back memories to all present. A most enjoyable meeting!



EVERGREEN CHAPTER No. 87

Al Cutting, W7ENQ, 499 Paradise Dr, Moscow, ID 83843

The Fall meeting of Evergreen Chapter was held September 22 at Milton-Freewater, Oregon, in conjunction with the Walla Walla, Washington Ham Club Hamfest. After an excellent lunch at the M-F Elks Club with 71 members, XYLs and visitors, President Bob, W7AZ opened the business session. Election of officers was held and the following were selected to serve during the new year (1991).

Lance Haserot, K6LWS
Bill Ames, W7HZH
Al Cutting, W7ENQ

President
Vice president
Secretary/Treasurer

The following were elected to serve as Directors: Edwin Goodman, W7GYH; Raymond Spilman, W7MDA; and Don Crisp, W7ZNN.

Evergreen Chapter meets every Sunday at 0700 Pacific Time on 3985 kHz. We invite visitors to join us and exchange gossip or whatever. An informal group gathers for lunch in Moscow, ID on the last Monday of each month. Many of these members come from as far as 100 miles. If you are in the area listen on the Moscow repeater (22/82) for directions. You are always welcome!

DETROIT METRO CHAPTER 61

Len Kerzka, W8IHX, 4900 Lakeview Blvd, Clarkston, MI 48016

Greetings from Chapter 61! Our September meeting began with an introduction of visitors and greetings to some of our members whom we had not seen since last spring. Our topic of this evening was "Lightning". It was very interesting when many of the members related their experiences with lightning. Also are the number of things (safety-wise) to observe before it strikes.

A sad note has been received by your Secretary. One of our oldest and most interesting members has become Silent Key. Floyd Roush, W8GA, left for the land of no QRM on October 10, 1990. Floyd was a member of QCWA, the Motor City Radio Club, ARRL, and the IEEE. He had retired from his work as a TV Engineer for WXYZ-TV, in Detroit, in 1968. He was a licensed pilot, owning several small aircraft. Always ready to help any Chapter 61 members with their problems, and always a real gentleman. He was an excellent CW man and will be missed by all with whom he came in contact during his many years in ham radio.
RIP!

SUNCOAST CHAPTER No. 53

Robert Bookwalter, W4NWF, 728 Valencia Rd, Venice, FL 34285

Suncoast Chapter of QCWA held its first meeting of the year on October, 4 1990, at the House of Chong in Sarasota with 49 members and guests present. President Corby Pratt, K4WV presided at the brief business meeting.

Treasurer Larry Pearsall, W9FDY asked that all members of the next meeting be prepared to give the name, call, QCWA number, phone number and

(continued on following page)



CHAPTER NEWS AND REPORTS

SAN DIEGO CHAPTER 14

R. L. McDonald, KE6VB
1029 Hemlock Ave, Imperial Beach, CA 92032

About 45 members and their guests attended the Fall meeting/brunch held on October 14, 1990, at the Admiral Kidd Officers Club. The speaker was Mr. Cecil Stepped, Chief Probation Officer for San Diego County. Mr. Stepped gave a very interesting presentation, followed by some lively discussion with Chapter members.

An election was held for chapter officers with the current officers unanimously re-elected to a second term. At midnight, August 25, during the ARRL Southwest Division Convention, the Solemn ritual of the Wouff Hong was conducted by Chapter 14, QCWA under the Chairmanship of Jim West, W6QLO. Rolls and players were:

The Old Man
Novice
Crystal Keeper of the gate
QRM
QRN
High Potential, The Spirit
of amateur radio and
spiritual guardian of the
Wouff Hong: Sergeant at Arms

Sid Burnett, W6KSI
Dee Crumpton, N6ELP
Jim West, W6QLO
Reed Evans, W6EHR
John Goheen, KA6NYK

Charles Jackson SV0AA

The next chapter meeting will be January 20, 1991, when widows of Chapter 14 Silent Keys will be feted. We hope to have a good turnout since George Mitchell, K6ZE the Program Chairman, plans to have one of the scientists from the Scripps Institute of Oceanography as the speaker.

Chapter 53 (cont.)

complete address for use in compiling a new member directory. After the meeting adjourned Robert Siff, K4AMG gave a talk on the Silver Haired Legislature. All registered voters over the age of 60 are members and have a vote. There are 120 representatives and 50 senators. They meet in the state legislative chambers and vote on suggested bills to be passed on to the Governor, State Cabinet and Legislators. Matters of national import are sent to the President.



Season's Greetings!

PINE TREE CHAPTER No. 134

Philip M Young, W1JTH
47 Longwood Ave, Augusta, ME 04330

Following a luncheon at Howard Johnson's Restaurant at Waterville, ME, on September 22, 1990, the fall meeting of the Chapter was convened at 1:05 PM. President Charlie Stenger, W1HTG presided with 21 members & guests present. Introductions were made around the table. This being the Annual meeting, the Treasurer's report contained a summary of the year's finances as well as the usual quarterly report.

Chapter President, W1HTG presented Bernard Langley, W1EZR, with the Chapter's Past President Certificate. The document is in recognition of Bernie's efforts during his term in office, 1987-1989. It was with deep



Charles Stenger, W1HTG, at left,
Bernard Langley, W1EZR at right

sadness that the chapter devoted a moment of silence in memory of W1ZEN, who became silent key on August 26. Onie had been a member of the Chapter since early in its formation. She will be missed at the local and national level. The Chapter voted to send a gift to the QCWA Memorial Scholarship Fund in her memory.

A letter was read from Bill Rule, W1IQ. He & Mrs. Rule are planning an extensive trip in October. They will be flying to Venice, and taking a cruise on the Black Sea.

Following the business meeting a silent auction of donated items was held, netting the chapter \$20.25. After the auction a video presentation of an air show at Abbotsford, England where many exhibition teams, both military and civilian took part in the demonstrations of formation flying. The Chapter's next meeting was scheduled for the Auburn area on December 1, 1990.

JOURNAL ON CASSETTE

The QCWA Journal is
available on cassette tape
for members with sight
problems.

For Information write to:

Blanche Randles, W4GXZ
6002 N Fremont St
Tampa, FL 33604



CHAPTER NEWS AND REPORTS

CENTRAL NEW JERSEY No. 138

George W. Hasslinger, WB2CGI
61 Rues Ln, E Brunswick, NJ 08816

Our summer quarterly meeting was held August 21, 1990, at Howard Johnson's Restaurant in Middletown. There were forty-six members and guests in attendance. Phil Peterson, W2DME opened the meeting with a prayer and salute to the Flag. President Jerry Havel, W2RRX announced that eight new members have joined the chapter since we last met. He informed the members that Past President Harry Landau, W2IX was ill. He regretted to announce the passing of two of our members. They were Louis Mathis, WB2APY and Paul Ussery, W2ZSN. He reported that our annual dinner meeting was a great success and that the Chapter would rent a table at the upcoming Shore Area Hamfest, in November. A nominating committee consisting of Harold Clanton, WB2CJE, Walter Prang, W2HOZ and Charles J. Gspann, W2ZEE was named to provide a slate of candidates for the coming year.

Two members were presented with Golden Certificates. Robert Scerrato, W2NCF receiving the 50-year continuously licensed and the Chapter Diamond Jubilee. Arnold C. Peterson, AB2N received the 50 year Gold and the 50 year continuous. To round out the meeting, a number of the members disclosed amusing and interesting anecdotes about their past ham radio experiences.

SOUTHEAST WISCONSIN CHAPTER

Robert N. Jensen, W0WLN
5616 Cambridge Ln #6, Racine, WI 53406

The August meeting of the Chapter was a picnic held at a local park August 19. Watermelon and soft drinks were provided by the Chapter. The traditional QLF contest was won by W9GKM with a fast left foot.

The September meeting was held at the Around the Clock restaurant on September 17. A new member, Bruce Zabler, K9RRS joined the Chapter at that time. Members W9OVZ and W9BIH reported on their motorcycle trips. W9OVZ attended a motorcycle rally in Sturgis, SD while W9BIH toured the southwest.

Sunday, October 14 saw the annual election meeting and brunch at Chapter expense at the Sheraton Hotel restaurant, Trump's Cup. Members, spouses and guests enjoyed a fine meal. A slate of five candidates for the four director positions open was presented by the Nominating Committee. Ed Konicek, W9NVK; Chuck Knotek, W9GKM; Bill Komistra, W9OVZ and new member Bruce Zabler, K9RRS were elected. The new Board of Directors then met and re-elected W9NVK as President and W0WLN as Secretary/Treasurer. W9GKM was elected as Vice President.

President Ed presented a framed QCWA 50-Year Golden Certificate to Al Algiers, W9HR. Framed certificates attesting to 50 Years continuous Amateur licensing were presented to Bill Komistra, W9OVZ and W9HR. A 50 year continuously licensed certificate will be mailed to Ed Westberg, WA9Y, who is in Florida. The official Chapter name badge was presented to K9RRS. After the meeting the flower table decorations were divided among the ladies present.

PITTSBURGH CHAPTER No. 6

Nathan S. Firestone, W3SVJ
673 Loretta St, Pittsburgh, PA 15217

The Pittsburgh Chapter 6 of QCWA held it's Summer meeting August 26. A nice turnout of 31 people. The membership was saddened to learn of the loss of Mario Carrera, W3TTN. Mario was an active supporter of the Chapter until illness in recent years kept him from joining in the Chapter get togethers.

Chapter business was of course discussed and acted on. The Chapter will now have regularly scheduled meetings as follows: December 2, 1990; March 3, 1991; August 25, 1991; December 1, 1991. Our program chairman, Art, W3WM was most happy in that he could now arrange for speakers etc.



Above, L-R are: Bob McClain, W3VRZ, President;
Art Kunst, W3WM, Program Chairman;\nDick Brewster, VP PARS

A most interesting historical program was presented by Dick Brewster, Vice President of PARS, the Pittsburgh Antique Radio Society. His presentation was as an aural and visual history of 8KX/KDKA. Since these stations started and operated in our local area many of our members added their personal experiences to Dick's information. Other items of interest, our Chapter Chairman, W3VRZ, Bob McClain is up, out and about after quad bypass surgery. His convalescence and recovery are short of miraculous.

The Sunday morning net is doing well. The net operates at 0830 local time on the 147.6303 repeater in Carnegie with Ed, W8CSU, as NCS. W3DM, Pete (QCWA Directory) took advantage of the net to describe some of the activities at the National Convention. Join in with the Sunday morning group.



CHAPTER NEWS AND REPORTS

NORTHERN NEW JERSEY No. 77

H. J. Dull, W2PHW
Longstreak Rd, Newfoundland, NJ 07435

Northern New Jersey Chapter held its 1990 annual luncheon on Saturday, October 20 at the Robin Hood Inn, in Clifton. Forty-three members and friends gathered for the occasion. Elected to serve the Chapter for the next two years were:

Charles Mersereau, W2ESW	President
David Wiesen, K2VX	First Vice President
Robert Potter, WA2ELQ	Second Vice President
Henry Dull, W2PHW	Secretary/Treasurer
Carl Felt, NX2J	Recording Secretary

Outgoing President Albert Helfrick, expressed his appreciation for the cooperation given by all in helping to carry on the Chapter's work. Outgoing Second Vice President Walter Creuz, conducted the ceremony honoring the memory of Paul Bechberger, K2GH, a Silent Key and of member's XYLS who passed away during the year. A moment of silence was observed in their memory. Outgoing treasurer Robert Diesner, K2GYH gave a financial report indicating a satisfactory bank balance. Secretary Henry Dull, W2PHW reported on membership status showing that the total membership has remained stable with five new members joining during the year offsetting losses due to deaths or those leaving the State.



Jerry Powell, W2OJW was winner of the 50/50 drawing for the QCWA Memorial Fund. Jerry turned his entire winning to the fund - a fine gesture. Jerry, at left above with Carl, NX2J at right!

Carl Felt, NX2J presented the "Elmer of the Year" award for 1990 to Albert A. Roehm, W2OBJ. Al has been a ham for over 50- years. He has taught electronic theory to over 500 students in vocational high schools and adult education courses. He has helped dozens of hams with projects, antenna work, equipment building, repair and good operating practice. Articles written by Al have appeared in

ARRL's Antenna Compendium, Vol. 2, Ham Radio, CQ and Beam. Al is currently president of the Tri-County Radio Club and is a VE examiner.

Ed Chapman, W2BVK, Editor of the Chapter's "Feedback" thanked those who help in producing the newsletter and encouraged submission of articles for publication. There was good food, good fellowship and lots of fun.

As this report was being written we received word of the passing of Merle Worster, W2HTW. Merle was a very active Chapter member, former Treasurer as well as frequent Net Controller on the Chapter nets. He will be missed!

SUWANNEE CHAPTER No. 62

Joseph R Chartier, W1RFE
3637 SE 31st Terrace, Ocala, FL 32671

The Suwannee Chapter #62 held a bi-monthly meeting at Don's Smorgasbord in Ocala, Florida on October 25th, 1990 with 40 members and guests in attendance. Ballots for officers and directors were received and tallied by the Secretary/Treasurer Adis Henry, W4PFJ and the results are noted herewith:

Joseph R Chartier, W1RFE	President
Thomas E McDonald, W1MRJ	Vice President
Daisy Coleman, W4QAV	Secretary/Treasurer

Installation of officers for 1991 will take place at the meeting scheduled for December 13, 1990.

It is with great sorrow that our chapter reports the deaths of Gene Cain, W1LFE; Ken Cox, W4FYE and Ray Goode, W3SUA. Gene and Ken were in the Charter/Founding members group in 1972.

After nearly six years of service as Secretary/Treasurer, Adis Henry, W4PFJ expressed her regret that she could not continue for another term, due to health reasons. She has offered to assist Daisy Coleman, W4QAV, newly elected to the position. Daisy's husband, Carl Coleman, K4WJ, who became a silent key in 1989, was the first president of our chapter and a charter member. A change to meetings on thursdays has met with widespread approval and the chapter will hold bi-monthly meetings at Don's Smorgasbord in Ocala at 11:30AM on the 4th Thursday of February, April, June, August, October and on the 2nd Thursday for the December meetings.

The officers and directors served as program chairpersons for 1930 and a diversified and interesting group of programs was enjoyed by members and guests. Suwannee Chapter #62 invites any and all QCWA members to join the chapter and enjoy the friendly luncheon meetings as well as the radio net on Saturdays at 9 AM local time, on 3940 kHz.



CHAPTER NEWS AND REPORTS

NEW OFFICERS ELECTED WEST VIRGINIA CHAPTER 30!

John Peters, WD8IBN, 2310 Pride Ave,
Clarksburg, WV 26301

Members of Chapter 30 met September 15, 1990, at Western Sizzlin for the fall meeting. New officers were elected for the coming year. Sam Moore, W8NCD is President. Laymon Knicely, W8CCR is Vice President, and John Peters, WD8IBN Secretary/Treasurer. Following dinner, a brief business session was held after which the new officers were installed.

The Program, arranged by outgoing President Chuck McClean, included some very interesting and nostalgic remarks on home-brewing equipment by Stan Koboleski, KX8K. Of special interest was a display of some of the home-brew amplifiers designed and constructed by Stan.

Chapter 30 will meet again on May 11, 1991, at the Western Sizzlin near Gassaway, West Virginia.



Above, L-R, seated: Sam Moore, W8NCD; Jack Daws, KA8WNO; Jim McEwuen, W8GUL; Bill Godwin, K8Tpf; John Peters, WD8IBN; Ruth Rice, K8ARA; Von Rice, W8VOI; Laymon Knicely, W8CCR. Back Row standing: Red Devores, W8LYV; Bob Hough, W8ESQ; Bob Robinson, KU8C; Cal Basham, W8NR; Chuck McClean, K8UQY; Al Hix, W8AH; Jim Langan, AC8K; Stan Sobolewski, KX8K

CENTRAL CALIFORNIA COAST CHAPTER 75

Dave Kreiss, W6ELH
628 E Alvin Ave, Santa Maria, CA 93454

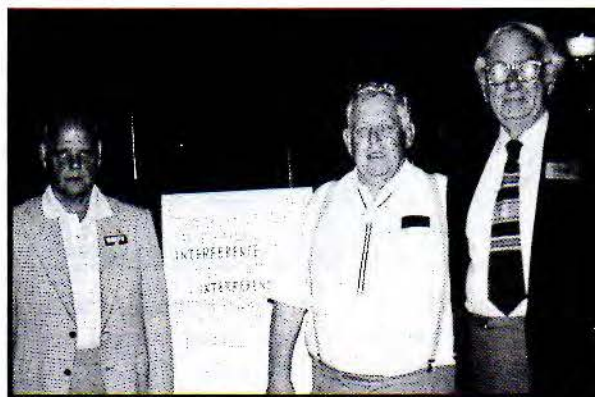
Chapter 75 held it's fall luncheon October 27, 1990, at Alessandri's restaurant, 6 miles south of Santa Maria. Attitude adjustment time at 12:00 Noon, luncheon at 1:00PM, 57 members and friends attending.

Programs consisted of three items:

1. Bob Rickey, NF6P, QCWA's new Director for area 6 gave a short talk for our members giving us a summary of recent actions taken by the Board of Directors.

2. Roxie Griggs, K6ELO, gave the YLs and XYLs some interesting excitement with interviews of several of the ladies, learning of their past life and times living with dedicated Ham radio operators, OMs, sort of like an "OM Roast". This helped make our luncheon pleasant for the ladies.

3. Our Vice President and Program Chairman, Boyd Benham, W6RPI, introduced the main speaker, John O. Norback, W6KFV, technical Coordinator for ARRL. The subject of his talk was "Radio Frequency Interference." Using a VCR Video Tape and Large spread sheets, and sample of good and poor RFI filters helped in demonstrating and discussing the RFI problems. John brought up to date on the latest FCC rules and actions concerning that old devil "RFI".



L-R, John O. Norback, W6KFV, Bob Rickey, NF6P and Dave Medley, KI6QE



MEMBERSHIP VIGNETTES

At the suggestion of Bob Bloor, W8LYD, we are reinstituting our Member Vignette feature.

The first Vignette appeared in the Journal, Vol 27, No. 3, Page 79, Fall of 1978 issue,

Featuring J. Herbert Hollister, W0DRD (now SK). This issue of the Journal features a story on Rocky Zimmerman, W8UYN (see below). If you would like to have a similar feature on a friend or member of your Chapter, write and submit the story to Headquarters.

CLEVELAND CHAPTER No. 1

Albert (Rocky) Zimmerman, W8UYN

Born in Cleveland in 1922. He attended primary and secondary schools in Cleveland and graduated from Cleveland's East High School. Rocky attended Ohio State University and joined the Armed Forces and served in the United States Army, 12th AAA, in Europe. In recent years he has been active in Army MARS. Rocky married Marion Powell in 1942. They had one child, Bonnie, who lives in New York State and has presented Rocky and Marion with two grandchildren.

Rocky worked for Dun & Bradstreet for 43 years and retired as District Service Manager in 1983. He is an active member of the Lutheran Church of the Covenant where he is a Sunday School Teacher, Chairman of the Social Ministry Board, and is a Member of the Board of Directors. He volun-



Rocky W8UYN, and Marion Zimmerman

teers at the Brecksville Veterans Administration Hospital and the Hillcrest Hospital. He also works in a voting booth during elections. He is a Past Chairman of Cleveland QCWA Chapter 1, and a Member of the Executive Committee of Cleveland Chapter 1.

QCWA SALUTES YOU!



SEASONS GREETINGS TO ALL!

MERRY CHRISTMAS!



CHAPTER NEWS AND REPORTS

NIAGARA FRONTIER CHAPTER 65

Kenneth R Palmer, K2FJ
12750 Williston Rd, E Aurora, NY 14052

Our annual QCWA Niagara Frontier Chapter 65 meeting and Fall banquet took place on October 28, 1990. Location was Sharon's Restaurant in East Aurora. Food and fellowship was excellent.

The highlight of the evening was the presentation of a beautiful large plaque by Chapter members to Raymond "Slim" Griswold, W2SD. It read "President Emeritus". Slim was the Chapter's first elected President on November 13, 1973. His discussion with Gus Girona, W2JE led to the granting of our Charter on November 17, 1973. Slim has worked very hard for QCWA in the past and continues to be active in our functions. Our Chapter 65 motto, given back in our beginning is "Good Friends--Today, Tomorrow and Always". Thanks, Slim!



Above, L-R: Chapter Secretary Ken Palmer, K2FJ and Ray Griswold, W2SD, at a Saturday luncheon.

Try to attend Niagara Frontier Chapter luncheon meeting at the Williamsville Inn, 5447 Main St., Williamsville, each Saturday at noon. Check into our regular Sunday net on 3900 kHz at 1:30PM local time.



. Chapter 10 members at the August 15 picnic

Saginaw, in 1991. Several of our members were absent because of illness and we wish them all well and pray for speedy recoveries.

A tape was played by Marion Stoner, W8VWY, which was recorded off the air several years ago. It was about radio and one of our members, W. E. Duckwitz, W8CJT. Ducky then talked about his years in ham radio. A short business meeting was held.

MICHIGAN CHAPTER No. 10

Currin L. Scutt, W8FSZ
410 E Holland Lake Dr, Sheridan, MI 48884

On August 15, 1990, at Kenwood park, Cadillac, Michigan about 43 members and guests of Michigan Chapter 10 met for our annual picnic. The weather was threatening, but held off. There was a lot of good food and no one went away hungry.

Doug DeMaw, W1FB, brought three of the publications he has written for ARRL, for door prizes. They were won by W8FSZ, W8QOY and W8GJX. Helen, W8GJX won the book "Help for New Hams". She has been on the air for 61.5 years, so we all had a good laugh. Helen also announced she will be a speaker at the National Convention

SECRETARY-TREASURER'S FORUM - Continued from Page 156

You comments and suggestions for chapter activities and chapter hints will be appreciated and used in this column.

PLEASE SEND YOUR COMMENTS TO:

John R. Miller, WOIKT
401 Tiffany Drive
Anderson, SC 29625-1815



CHAPTER NEWS AND REPORTS

Delaware Valley Chapter 5

Don Field, W2UAE, 101 Denow Rd, Lawrenceville, NJ 08648

Delaware Valley Chapter held the fall meeting the Steak & Ale House on Rte 1, Neshaminy Interplex, PA, October 13, 1990. A nice luncheon was served to those attending. After the luncheon Chairman George Van Dyke, W3HK, introduced the speaker, Dr. Irene Reiter, a retired school teacher from the Philadelphia Educational System. Dr. Reiter served for 43 years with 22 years spent as head of the English Department at Northeast High School. She received her Doctorate from Pennsylvania University and is the author of several books. She gave a very interesting talk on Humorous Trivia. The members and their ladies all enjoyed Dr. Reiter.

Following the speaker, a short business meeting was held. Our Vice Chairman, Bob Ray, W5ZMI is retiring and moving to Texas and a replacement must be found. The Chapter will miss Bob and the contributions he has made to the operation of Chapter 5. A discussion followed on the problem of getting more members out the Chapter's functions. It was announced that the Chapter lost four of its members as Silent Keys. Those that have passed on are: Press Funk, W3MFY; A. J. Mortimer, W2CBR; Alex Schnipper, W3AYJ and Jim Zimskind, K2OJL. A former chapter member, Paul Mercado, W3FBF is also a Silent Key.

New members joining since our last meeting include: J. Hartley Bowen, Jr., KD2AE; Julius F. Pyryt, W2ODH; and David C. Johnson, W2BN. W3DIP gave a report on the two Chapter nets that operate. One on Sundays at 9:45 AM on 3917 kHz and the other on Thursday evening at 9 PM on 146.79 MHz. Following awarding of door prizes, the meeting was adjourned.

NUTMEG CHAPTER 149

Frederick G Heffner, W1CKV
213 N Granby Rd, Granby, CT 06035

The summer quarterly meeting of Connecticut's Nutmeg Chapter was held at Valle's Restaurant in Hartford on August 11, 1990. 66 members and guests attended. After the traditional cocktail hour the meeting was called to order by President W1CKV, Fred Heffner, who called on Treasurer Milt Chaffee, W1EFW for the treasurer's and acting secretary's report.

One of the guests at the meeting was our national treasurer Wes Randles, W4COW, who was then introduced for remarks. Wes commented on the recent QCWA elections, the laxness of the members nationwide to participate in voting, and other items of a national nature.

A certificate marking 50 years of continuous licensing was presented to Cliffe Smith, W1SG. The Chapter was then treated to a program of slides and commentary by our old friend, Father Chuck Tardiff, W3EHG, who related some of his experiences while he was serving as a missionary in Africa.

East Tennessee Chapter 60

Charles E. Williams, AA4WX
419 Grandview Dr, Maryville, TN 37801

The Chapter met for its Fall meeting October 13 at the Green Valley Restaurant, in Pigeon Forge, Tennessee. Thirty-three members and guests attended. The meeting was opened with an invocation by Reverend Wilbur Hoglen, W4LAD. Following lunch the Secretary/Treasurer's report was presented. Fifty-five year Golden certificates were presented to A. M. Curry, N4BOO; E. R. Henderson, W4NMN; and to W. R. Sutton, KB4NC. Fifty-year Golden Certificates were presented to J. L. Anderson, AG4M; A. A. Alexy, WA2AJE; and C. E. Williams, AA4WX. Certificates were mailed to E. L. Bechtol, W4HBZ and to M. E. Griffith, W4KMH, who were unable to attend the meeting to receive their Awards. Jean V. Giesler, W4TYU, was

elected Secretary/Treasurer to fill the unexpired term of our deceased Secretary/Treasurer.

The program was presented by Reverend Hoglen, W4LAD. He talked of his experiences operating in several foreign countries as a missionary. He spoke of many facets of overseas operation including the worth of phone patches in countries where phone service is quite primitive. The meeting was enjoyed by all!

Happy Holidays to You!



LONG ISLAND CHAPTER 81

Sidney Wolin, K2LJH
3072 Clubhouse Dr, Merrick, NY 11566

During the summer months we continued with chapter activities. On July 1, we visited the Rhinebeck Air-drome for an air show featuring old airplanes. This was preceded by a picnic at the home of John, KA2LXW. A great time was had by all!

On July 8, ARRL Hudson Division held its convention on Long Island. QCWA was represented by Chapter 81 and the affair was hosted by LI-MARC, the largest club in the area. A visit to the cradle of Aviation Museum on August 11, followed a luncheon at the local Marriot. This event was attended by 35 members and many guests.

At our general meeting on October 10, Don Sayer, W2GB, was honored for his 70 years in ham radio. A plaque was presented by Herman, W2TLC, Chapter President.

Chapter membership stands at 90, and a slate of candidates for election at the December meeting was presented.

Managed by Barney Moffatt, W5CJZ
5714 Trail Meadow Drive, Dallas, Tx 75230

Barney's Exchange has been a popular feature of the Journal for ten or more years. It's free to QCWA Members. If you would like to advertise for an item, or to trade or sell an item, write to Barney with full details. He'll get it published!

Neither QCWA, its Officers, Directors, General Manager or Barney assume responsibility for mis-representation or loss. We'd like to hear if you have problems!

FOR SALE - QST, some in ARRL binders. Oct '38 to Dec '86 (two issues missing). Make offer.

Al Rector, W0LKF
8448 Meadow Ln, Leawood, KS 66206
913 649 0894

FOR SALE - Hammarlund HQ-120 X rcvr, looks good, works well! All original except for solid state rectifier and a filter capacitor or two. Needs crystal filter phasing variable capacitor. \$75 if you pickup, \$100 if shipped UPS prepaid.

Marv Fagenson, K6HCJ
13527 Ventura Blvd, Ste B
Sherman Oaks, CA 91423
818 905 1777

WANTED - U. S. Amateur "Flying Horse" callbooks. 1920 through 1945

Bob Arrowsmith, W4JNN
PO Box 166, Annandale, VA 22003
703 560 7165

WANTED - To complete collection, the following QSTs: Oct 1938; Apr, Nov & Dec 1946; and Nov 1951

Rip Merrell, W4FX
133 Windcrest Ln, Anderson, SC 29624
803 225 0028

WANTED - Amateur Radio Callbook - Fall & Winter, 1951, Fall & Winter, 1952, which show call WN0EBA and W0EBA respectively.

Byron W. Engen, WV8B (W0EBA)
19 Victoria Dr, Newark, OH 43055

FOR SALE - Hallicrafters station consisting of: HT-32A xmtr, SX-101 rcvr, HT-33 amplifier, built into console desk.

Pick up only, \$450.00 package price. Located in Haddon Heights, NJ.

WANTED - Johnson kW matchbox with or without meter. Quote price

Tony Musero, K3UKW
1609 S Iseminger St
Philadelphia, PA 10149
215 271 8898

WANTED - Coils for Millen exciter - 43000 type and link, but can use center link for osc.

Robert L. Kurth, W5IRP
403 Mantooth, Lufkin, TX 75901

FOR SALE - Dayton electric winch for crank-up towers, with remote switch and filter for shunt feed. \$125, or trade for R-4B

Tom Webb, W4YOK
3533 Teakwood Ln, Plano, TX 75057

WANTED - Band spread or general coverage coils for National SW-3, AC model. Also need manual or information on the pre-war Harvey Radio Lab 90-T amateur transmitter using an RK-20 in the final, suppressor grid modulated.

Leland Smith, W5KL
HCR-31, Box 147, Jasper, AR 72641

WANTED - Swan type WM-2000 watt SWR meter. Must be in very good cosmetic and electrical condition.

El Charlton, W5MD
1533 Outrigger Dr, Baton Rouge, LA 70816

WANTED - Copy of John F. Rider

books: "Inside the Vacuum Tube; and, "Vacuum Tube Voltmeters".

Bill Miller, K2GCE
217 Porterfield Pl
Freeport, NY 11520

FOR SALE - 120 VAC 60 Hz regulated, filtered power supply, 32 VDC, 20 A, on 12" x 10" x 3" chassis with bottom plate. Excellent cdx, also RCA Radiomarine "Cruisehone 110" CRM-P12A-110, with remote control and speaker. 110 W-AM transmitter, 1.6 - 9 MHz, 11 channels tunable, 10 tubes, 14 solid state devices. Circa 1965, with instruction book. Requires a 32 VDC power supply.

John J. Glauber, W4OB
2209 Orlangewood Cir
Zellwood, FL 32798

FOR SALE - Rare, complete 74 years QST collection from issue "1". Minimum offer \$3000.

Kenneth M. Miller, K6IR
16904 George Washington Dr
Rockville, MD 20853
301 774 7709

FOR SALE - Morrow Transmitter MB560 a, mike; Receiver, MBR-5; AC power supply supply, with manuals. WANTED - TR7950.

John A. Voxland, W0SEI
4851 217th St, N, Forest Lake, MN 55025

LOOKING for circuit diagram of LYSCO transmitter or product review article from QST about the year 1957

Cecil Johnson, W5SRQ
1009 Crest Park Dr, Garland, TX 75042

NEED manual for TEST OSCILLATOR SET, AN/PRM-10, military version grid-dip oscillator. Will gladly pay for copy of operation/service manual.

Herb Sleeper, WB5PHM
4705 James Ct, Wichita Falls, TX 76308

WANTED: Gear reduction dial for 75A4 receiver

Jack Kennedy, W5DJ
5739 Lindenshire Ln, Dallas, TX 75230
214 661 2503

FOR SALE: DX-60 with a home-brew VFO. In good condition and works fine. Make an offer. Owner too ill to use it anymore.

Len Kerzka, W8IHX
4900 Lakeview Blvd, Clarkston, MI 48348

Don C. Wallace, W6AM. This book describes the history of amateur radio as experience by Don. By Jan D. Perkins, N6AW. Available from:

Wallace & Wallace
11823 E Slauson Ave, Ste 38
Santa Fe Springs, CA 90670

WANTED: National NCX-3 transceiver with AC power supply. Need not be working, quote price and your phone number. Will pay \$1.00 ea for 1920 - 1930 issues of "RADIO", can use 1940's too.

Don Simonsen, K7AEJ
PO Box 1622, Vancouver, WA 98668

NEED: manual, or copy for laboratory tube tester, RCA Model W%-100A, Electron tube microMhoMeter. This tester will check tubes from antiques to the latest types. Contact:

Carl R. Swanson, W9SCN
627 Berkshire Ln, Des Plaines, IL 60016
708 827 2826

TELEGRAPH & WIRELESS instruments wanted by private collector. Non-Vibroplex bugs & military keys are particularly needed. Complete vitage or classic station sought for collection. Some ham gear and miscellaneous available for trade. Contact:

John Hensley, WJ5J
5054 Holloway Ave, Baton Rouge, LA 70808
504 928 2559

WANTED: Manual or schematic for SBE-33 transceiver. Need Hallicrafter SR-150 transceiver with pwr supply. Need not be working, quote price and phone number

Don Simonsen, K7AEJ
PO Box 1622, Vancouver, WA 98668

FOR SALE: Tiny brass spy key (rocker arm is 1.25 inches long), \$69 prepaid. Headquarters for Morse equipment, sounders, relays, practice sets, brass keys circa 1890. Vibroplexes repaired and sold. Send \$1 for telegraph catalog.

W. C. Hess, W6CK
Box 19, Pasadena, CA 91102

WANTED: Hallicrafters SX-96 receiver and Hallicrafters R-44 speaker; Johnson Viking Adventurer & Johnson Viking VFO, Model 122

Ben Deovlet, W6FDU
933 Robin Ln, Campbell, CA 95008
408 374 0372

FOR SALE: Oscilloscope, portable, OS46A/U complete with tubes and manual. Was operational in 1985, last time used. Best offer over \$10 + shipping. And, Modela RP-120 rack mounted audio preamp, made by Viking Tape Recorder Div, Telex Corp. Stereo, solid state for use in broadcast studios. First offer over \$10 + shipping will be accepted.

Milan O. Smith, N4JJW
2333 Nuremberg Blvd, Punta Gorda, FL 33983

FOR SALE: National SRR Receiver, with 4 coils & copy of introduction, \$225 + UPS. Wanted: Ntional SW-2, SW-4, SW-5 and info, manuals, schematics of any pre-WW-II ham xmtrs.

F Parker Heinemann, W1YG
87 Cove Rd, Lyme, CT 06371

FOR SALE: Engineering texts, several ARRL handbooks and other publications. Tube & transistor manuals. Send SASE for price list

Jonathan S Lee, W9MWR
740 Summit St, Downers Grove, IL 60515

WANTED: HRO dial, HRO RF control knob, National SW-3 audio transformer

type S101, RME-9 receiver and 1937 callbook.

William A Kuning, W3BY
1744 Travers Wharf Rd, Cambridge, MD 21613

WANTED: Vibroplex Champion Bug.
Nate Williams, W9GXR
6915 Prairie Dr, Middleton, WI 53562

WANTED: Early National receivers, SW-2, SW-3, SW-4, SW-58, AGS, FB7, HRO, NC-80, NC-81, NC-101, etc. Early Hallicrafters recievers, Johnson Ranger, Globe Transmitter, Heath Apache, "Tener". Collins 75Aa, 75A-4, KWM-2, KWM-1, 32V2, 32V3, 4A.

Steve Barnes, K6PFW
848 N Silverwood, Upland, CA 91786

FREE TO GOOD HOME: Wells-Gardner RBL-4 TRF regen receiver 15 - 620 kHz. Perfect working order. Too heavy to ship, pickup only. With manual. This was a US Navy, WW-II vintage set, 84 lbs.

D. E. Wiggins, W9CWG
951 Sheffield Dr, Valparaiso, IN 46383
219 462 3827

FOR SALE: Books "From Here - the World", Author writing of over 60 years of amateur radio experiences. Contact:

Ernest L. Bracy, W1BFA
PO Box 88, Readfield, ME 04355

WANTED - Information regarding whereabouts of WA6RXT; also interested in hearing from anyone who knew me as a novice/general WN6PAV - WB6PAV).

Lin Hamilton, NJ6Y
1150 Capitol Dr, Cell 84
San Pedro, CA 90732

WANTED: Type 6000 electron tube.

Bill Mills, KC5PF
1740 Tony's CT, Amisville, FA 22002
703 818 3955 or 703 937 4090

WANTED: 1 sealed frequency divider section for driven element on a Swan Hornet Model TB-4H 4-element Yagi.

J. W. McQueen, KL7AVX
1928 E Dimond Blvd
Anchorage, AK 99507-3426
907 344 1491

1991 QSO PARTY

QCWA JOURNAL, WINTER ISSUE, 1990
Volume 39, No. 4

1991 QSO PARTY LOG FORM

[illegible]

Address				
Number & Street	City	State/Country	Zip	

PHONE _____ CW _____ CHAPTER _____ QCWA No. _____

[illegible]**Totals This Page**

1991 QSO PARTY

QCWA JOURNAL, WINTER ISSUE, 1990
Volume 39, No. 4

STATES AND PROVINCES

UNITED STATES

Alabama	AL	
Alaska	AK	
Arizona	AZ	
Arkansas	AR	
California	CA	
Colorado	CO	
Connecticut	CT	
Delaware	DE	
Dist Columbia	DC	
Florida	FL	
Georgia	GA	
Hawaii	HI	
Idaho	ID	
Illinois	IL	
Indiana	IN	
Iowa	IA	
Kansas	KS	
Kentucky	KY	
Louisiana	LA	
Maine	ME	
Maryland	MD	
Massachusetts	MA	
Michigan	MI	
Minnesota	MN	
Mississippi	MS	
Missouri	MO	
Montana	MT	
Nebraska	NE	
Nevada	NV	
N Hampshire	NH	
New Jersey	NJ	
New Mexico	NM	✓
New York	NY	✓
N Carolina	NC	
N Dakota	ND	
Ohio	OH	
Oklahoma	OK	
Oregon	OR	✓
Pennsylvania	PA	✓
Rhode Island	RI	
S Carolina	SC	
S Dakota	SD	
Tennessee	TN	
Texas	TX	✓
Utah	UT	
Vermont	VT	
Virginia	VA	
Washington	WA	✓
W Virginia	WV	
Wisconsin	WI	
Wyoming	WY	

CANADA

Alberta	AB	
B Columbia	BC	
Manitoba	MB	
N Brunswick	NB	
N Foundland	NF	
NW Territory	NW	
Nova Scotia	NS	
Ontario	ON	
Prince Edward	PE	
Quebec	PQ	
Saskatchewan	SK	
Yukon	YK	

**THIS SHEET MAY BE USED TO RECORD
YOUR CONTACTS WITH MULTIPLIERS IN
THE PARTY.**

The following Chapters, not having filed a Chapter Report for 1989, are not valid as multipliers in the QSO Party. Please send a copy of this form with your logs.

3, 13, 18, 22, 24, 26, 28, 43, 47, 50, 51,
52, 56, 57, 83, 86, 93, 100, 101, 105, 113,
116, 125, 127, 132, 136, 139, 141, 145,
147, 158, 163, 170

QCWA CHAPTER CHECK LIST

Chp	✓	Chp	✓	Chp	✓	Chp	✓	Chp	✓
1		36		71		106	✓	141	
2	✓	37		72		107		142	
3		38	✓	73	✓	108		143	✓
4	✓	39		74		109		144	✓
5	✓	40		75	✓	110		145	
6		41	✓	76		111		146	
7	✓	42		77		112		147	
8	✓	43		78		113		148	
9	✓	44		79	✓	114		149	✓
10	✓	45		80		115	✓	150	✓
11	✓	46	✓	81		116		151	
12		47		82		117		152	
13		48	✓	83		118	✓	153	✓
14		49	✓	84	✓	119		154	✓
15		50		85		120		155	
16	✓	51		86		121		156	
17	✓	52		87	✓	122	✓	157	✓
18		53	✓	88		123	✓	158	
19	✓	54		89		124		159	
20	✓	55	✓	90	✓	125		160	
21		56		91	✓	126		161	
22		57		92		127		162	✓
23		58		93		128		163	
24		59		94		129		164	
25		60		95		130	✓	165	
26		61		96	✓	131	✓	166	
27		62	✓	97		132		167	
28		63	✓	98		133		168	
29		64	✓	99	✓	134	✓	169	✓
30		65		100		135		170	
31		66		101		136		171	
32	✓	67		102		137		172	
33		68		103		138	✓	173	
34		69		104		139		174	✓
35	✓	70		105		140	✓	175	

CALL _____

QCWA No. _____



QCWA PUZZLES AND GAME PAGE

Cross word Puzzle

No. 2

This puzzle has been prepared for us by Howard T. Francis, W9NHM. We hope you enjoyed the first puzzle that appeared in the Fall, 1990 QCWA Journal. If you like these, let Howard know. Write to him at:

Howard T. Francis, W9NHM
107 Walnut Street
Park Forest, IL 60466

The solution to the first Puzzle is printed on page 186. Check it out, see how you did with it.

HORIZONTAL

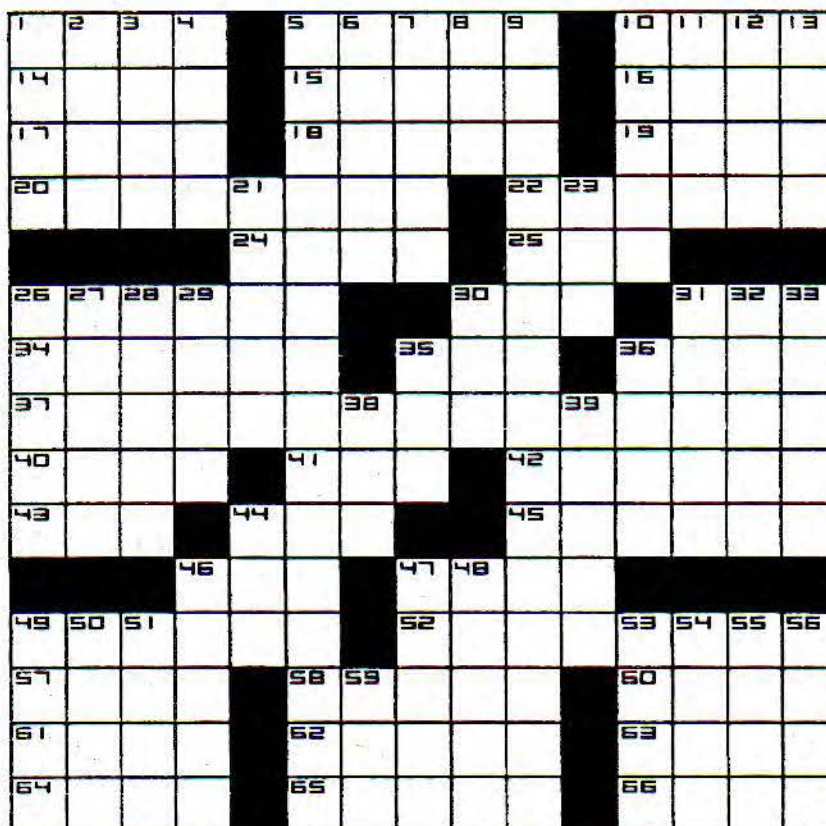
1. Good Hope man
5. Bi-directional controller
10. Most people don't make this ant. fly.
14. Multi-national ham org.
15. Former slap-stick brother
16. Old Fitzgerald?
17. Mark of Christmas Charity
18. ditditditditditditdit
19. The original "honey-doers"?
20. Big in radio and in South Carolina
22. Belonging to Miss Shearer
24. Tear or lease
25. Past but not passed?
26. What your neighbor may do to you if he has TVI
30. Sound like good antenna weather?
31. Simulate
34. Occasional visitor from space
35. Pronoun showing joint ownership
36. 10 dB
37. Good signal-squitter at any frequency
40. For fear that
41. Poetic prior to
42. Land of the Tricolor
43. Fastest time in N.A.
44. First lady with Christmas and New Year's?
45. Pantry
46. Expected momentarily
47. British big gun
49. Knock off the rough edges
52. Small-pox reminder
57. "First in Comm.", they say
58. What you need at the Dayton Flea Market
60. What the real old-timer was when he got into radio

61. Thin leveler
62. This also helps prepare for the beer-can antenna
63. Space's signal companion
64. This word describes both matrimony and a cow
65. Identical twin of 33 Down
66. Maritime mobile, sometimes

VERTICAL

1. Harrow's relative
2. U would complete the group!
3. Soviet inland sea
4. Final phonetic, Bantu style
5. Speaking of antennas, beer cans give you ____
6. REALLY anxious to go, as to Dayton!
7. This kind of no. can't be a ratio
8. Part of active duty adr.
9. A real ninety-degree antenna!
10. Final phonetic, striped style
11. Part of an ant. or of a ckt.
12. What dad makes when he wants a new rig
13. Weakest call in the game, but always heard!
21. Wife of talking horse?
23. W6SAI
26. This helps, south of the border
27. Antenna-lover's dream

28. Chicken nite-spot?
29. Four-letter word describing Latin lover's action
30. This one's for you!
31. Sometimes undesirable in a feed line
32. Promoted by DX contacts, they say
33. Very helpful guy
35. Most hams begin a test with this
36. Some hams have trouble passing this
38. "We ____ what we eat"
39. What he did to make his beer can antenna
44. One you need for WAC
46. TVI-proof load
47. Strenuous period of activity
48. Rich cake
49. Something to eat or to look at?
50. Radar would not work without it
51. Very rapidly vaporize
53. Want a new rig? Convince her first
54. Polite cry after lightning hit
55. Property of DX and steak
56. One of the first on BC AM
59. Ham ta-ta





LAST BUT NOT LEAST!

ECHOES OF THE BRONX RADIO CLUB

Harold Mandel, KA1XO
PO Box 1371, Concord, NH 03302-1371

The Fall QCWA Journal brought back pleasant memories for me - The Bronx Radio Club met in Frank's (Frimmerman, W2FZ) cellar/clubhouse every Friday night for many years. Three generations of hams were represented in most meetings space. The photographs on the walls, faded by cigarette and cigar smoke showed a vivid history of radio and the people involved. When one of us smart-alek kids would ask Frank if he ever had hair on his head, he'd point to the picture of himself alongside one of the twenty-kilowatt spark stations he worked at and tell us of wild parasitics. Somehow, the way he told a story would never fail to impress the teenage crowd. Frank was not one for pranks; any time one of us would threaten a pillow-fight, the wrath of Ishtar would descend from Frank's corner. We kids knew just what buttons to push to get Frank excited.

We didn't do much operating from the clubhouse stations in the 1960's because the doublet antenna blew down and Frank wasn't enthusiastic about getting it fixed. We did run code practice on the Novice bands and six meters using the paper tape reader in the back room and even made some six meter AM contacts once in a while. Mostly the younger set hung out in the operating area while the OT's argued with Frank up front. Everybody got together about eleven o'clock to drive up to Yonkers for pancakes, with the older guys giving the younger set rides. Most of us teens would have to hoof it around the Bronx, or up to the Jerome Avenue El to make the meetings.

Frank was made Trustee of the Bronx High School of Science Radio Club in 1963. A dubious honor for a guy like Frank who referred to us as "Smart Aleks." But we knew Frank for the pioneer and gentleman he was. His particularly singular outlook on life and our hobby certainly affected my life, as well as the hundreds of others who crossed his path.

**QCWA CHAPTER SECRETARIES
ARE ASKED TO PLEASE
REVIEW YOUR CHAPTER
MEMBERSHIP
ROSTER AND TO COMPLETE THE
ANNUAL CHAPTER REPORT
FORM SENT TO YOU IN OCTOBER.
COMPLETE THE FORM AND RETURN
AS SOON AS POSSIBLE!**

California Award

Robert Rickey, NF6P
8532 Redhill CC Dr, Rancho Cucamonga, CA 91730

On November 10, 1990, Herb Gleed, W6FQ presented the QCWA John DiBlasi Award to Moe Joffe, W6PHE. The Award had been issued by the QCWA Board earlier, and formal presentation made at this time.

QCWA Director Bob Rickey, NF6P was in attendance at the the meeting which was attended by many QCWA and OOTC members. QCWA Honor Awards are issued by authority of the QCWA Board of Directors. Moe's award was given in recognition of his many years of dedication to QCWA as a Charter Member.



Fall QCWA Journal Crossword Puzzle solution

	D	U	M	P		M	R	S		O	P	E	C
A	M	I	N	O	R		Y	E	P		N	E	R
C	A	S	T	R	O		R	C	L		V	E	I
B	E	C	O	N	G	R	A	T	U	L	A	T	E
						E	N	D		R	A	C	
N	O	S	T	A	N	D	I	N	G	W	A	V	E
O	N	O	R	B	Y		O	N	E		T	E	X
T	T	R	A	C			U	S	E		W	I	L
A	W	E	D		B	H	P			W	O	O	D
M	O	R	E		E	F	F	I	C	I	E	N	T
						M	A	O		N	P	N	
A	B	E	A	R	F	A	N	A	N	D	A	H	A
L	E	A	R		R	F	I			E	E	L	E
D	E	S	K		E	I	N			R	E	P	A
A	R	T	S		Q	R	G			S	P	A	R

CERTIFICATES AVAILABLE

MEMBERSHIP CERTIFICATES numbered in serial order are issued to each member. Numbers are not re-issued except to the same member to whom they were first issued

QCWA GOLD CERTIFICATES celebrate the 50th anniversary of licensing. Issued without charge to eligible members upon proof of year of first license

GOLDEN CERTIFICATES, are issued in five year increments - 55, 60, 65, 70, 75 year Certificates, free of charge to eligible members.

50-YEAR CONTINUOUS LICENSING Gold certificate available to eligible members. Requires submission of proof licensing. There is a \$5 fee. Applications available from QCWA Headquarters.

QCWA CENTURY CLUB CERTIFICATE is issued to QCWA members whose age, when added to their number of years as a QCWA member, totals 100 or more. No charge for the Certificate

MERITORIOUS AWARD is issued by Headquarters, upon request of any active QCWA Chapter. One such award for each Chapter each year. The Award may be given to recognize unusual dedication to QCWA or Amateur Radio. There is no charge for the Award.

OPERATING AWARD CERTIFICATES

QCWA Operating Award Certificates are issued to QCWA members by the activities manager. Proof of eligibility is required.

QCWA WORKED 50 STATES awards are issued to QCWA members who have contacted members in each state of the Union.

QCWA WORKED 100 MEMBERS awards are issued to QCWA members who have contacted at least 100 QCWA members

QCWA WORKED 60 CHAPTER awards are issued to QCWA members who have contacted members of 60 chapters

QCWA WORKED 500 MEMBERS awards are issued to QCWA members who have contacted 500 QCWA members.

In addition, plaques are awarded to the highest scoring members for both phone and CW QSO Parties. Runners up receive certificates.

MEMBERSHIP SUPPLIES & ORDER BLANK

QCWA Lapel pins, gold plated, with call engraved, clutch, safety-pin or button type. These pins do not have year tags!

QCWA Lapel pins, gold plated, call engraved, with year tags. Specify year (25,30,35,40,45,50,55,60,65,70,75) Clutch type only

All pins, each	\$10.00
QCWA Life member pin	\$5.00
QCWA embroidered emblem	\$5.00
270 QCWA Red stamps (regular)	\$ 2.50
270 QCWA Gold stamps (Life)	\$ 2.50
240 QCWA Yellow Stamps (50-yr)	\$ 2.50
QCWA Logo on rubber stamp	\$ 6.50
QCWA Cap with Logo	\$ 5.00
QCWA Chapter Banner	\$200.00
QCWA pays half of first banner	\$100.00
QCWA Decals	\$1.00
QCWA Vest, get order blank from Headquarters	\$25.00

To QCWA, Inc., 1409 Cooper Dr., Irving, TX 75061, please ship

_____	\$ _____
_____	\$ _____
_____	\$ _____
Ship To: _____	Total \$ _____

Name _____	Call _____	QCWA No. _____
No. & Street _____	City _____	State _____ Zip _____
Cash _____, VISA _____, MC _____, AMEX _____, DISCOVER _____		
Card No. _____		
Valid through ____/____/____		U. S. Funds Only
Signed _____		

QCWA CAPS ON HAND!

Don't forget to order your
Cap!
They're in stock!

**DEADLINE FOR COPY
FOR THE SPRING, '91
JOURNAL -**

FEB 5, 1991

QCWA JOURNAL, WINTER, 1990
Volume 39, No. 4

QCWA, Inc.
1409 Cooper Dr
Irving, TX 75061-5527

ADDRESS CORRECTION REQUESTED

Non-Profit Org
U. S. Postage Paid
Dallas, TX
Permit No. 8167

Courtesy of the NL7XM Collection